

Veillette LCol JRD@SJS Operations@Ottawa-Hull

From: Reichert Maj KA@JAG DJAG OPS@Ottawa-Hull
Sent: Tuesday, 9, July, 2013 14:56
To: Thornley LCol MJ@SJS Operations@Ottawa-Hull
Subject: RE: Op LENTUS 13-01 LL - SJS input

ACK and Concur on these points.

KA Reichert
Maj
SJS LA3
992-7107

From: Thornley LCol MJ@SJS Operations@Ottawa-Hull
Sent: Tuesday, July 09, 2013 2:52 PM
To: Gagne Col JRM@SJS Operations@Ottawa-Hull
Cc: Mialkowski Col CJJ@SJS Operations@Ottawa-Hull; LePage LCol RM@ADM(PA)@Ottawa-Hull; Robinson LCol DP@ADM(Pol) DWH Pol@Ottawa-Hull; Reichert Maj KA@JAG DJAG OPS@Ottawa-Hull
Subject: FW: Op LENTUS 13-01 LL - SJS input

Sir,

Find my comments below, which have been sent to Lcol Connor at CJOC.
He will include them as reqd in the discussion.

MT

MJ Thornley

*LCol
WH Ops
944-8218*

From: Thornley LCol MJ@SJS Operations@Ottawa-Hull
Sent: Tuesday, 9, July, 2013 10:01 AM
To: Connor LCol SA@CJOC HQ@Ottawa-Hull
Cc: Veillette LCol JRD@CJOC HQ@Ottawa-Hull
Subject: Op LENTUS 13-01 LL - SJS input

Sid,

Wed is my last day in the office. Much to do and I cannot guarantee that I will be able to dial in to the VTC.
I have cc'd LCol Dan Veillette as he will be taking my job in the coming weeks.
From my Strat perspective, this Op rolled out (and redeployed) very well.
My comments are listed below.

What went well.

1. Comms between CJOC J3 Cont and SJS WH Ops were good. Despite a frantic pace on Fri 21 Jun (typical of these Ops) we were able to link up at critical times to ensure the right info was shared wrt what was going on in the JOA and what was required from the Strat level.
2. All required consultation offices responded to requests to review the TaskO in a very timely manner, ensuring that a TaskO was produced and staffed/signed in one day.

Areas for improvement.

1. Intial RFA was received overnight Thurs night (20/21 Jun). Notification other than an email MA will be required in the future to ensure the Strat level is informed in a more timely manner.

2. Despite a desire to roll out Health Services support in the early stages, it was not specifically 'asked' for from the province, nor implied to have been authorized by MND. CJOC forwarded the required letters to SJS on the Fri afternoon. The inclusion of that paperwork in the TaskO file would have unnecessarily slowed/halted the signing of the file by CDS. It is important to note that in order to quickly produce and move a CDS TaskO thru the offices here, the simpler it is, the better. When you consider that we are often working off of email (or verbal) authorities in the early stages we must ensure we stay within the lanes of what has been agreed to, which may often be vague. Items such as Health Service support or ALEA tasks, if not specifically authorized before the TaskO process starts are time intensive to staff, particularly when key personnel are not in Ottawa.

Pls let me know if any clarification is required.

MT

Mike Thornley

LCol (RCAF)

Western Hemisphere Operations 1 | Opérations de l'hémisphère occidentale 1

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SOUTHERN ALBERTA FLOOD TIMELINE

TIME (Z)

- 201800Z Jun 13 GOC Sitrep : SOLE for Calgary , Canmore and Big Horn AB declared
- 201944Z Jun 13 CJOC Cont advises CJOC/J3 of situation developing in Alberta
- 201944Z Jun 13 CAOC tasking msg for 4WG / Provide 1 x CH146 w crew to assist search and recovery of missing persons from Canmore AB.
- 202000Z Jun 13 CJOC Cont SITREP : JTFW Domestic Ops embedded with PEOC
- 202000Z Jun 13 CJOC Cont OWO notifies CJOC/J3 staff of developing flood and SAR situation developing in southern Alberta.
- 202019Z Jun 13 Capt(N) Skjerpen engages CAOC and JTFW via e-mail (J3's are in the know)
- 202003Z Jun 13 CAOC : confirms SAR locations are west of Calgary and west end of Calgary
- 202034Z Jun 13 Alberta POC update (as of 202000Z Jun 13) / numerous SOLE declared
- 202036Z Jun 13 COS LFWA – LFWA J3 : request clarification regarding SAR situation in Alberta. Disconnect between RCMP and Province noted
- 202104Z Jun 13 Ministerial Advisory (MA) SAR Initial report sent (CFICC) for CH149 & CH146 helo's tasking to assist SAR in Canmore AB
- 202105Z Jun 13 CJOC Cont OWO informs RCMP LO of SAR situation in Alberta

202325Z Jun 13 CJOC Cont rec'd copy of JTFW Warning Order for flooding in South Alberta

- 210002Z Jun 13 MA to MND – CFICC SWO : Asks question / what CF SAR assets could be available if required
- 210021Z Jun 13 CFICC rec'd JTFW update # 2
- 210236Z Jun 13 GOC informs teleconference scheduled for 210300Z Jun 13
- 210142Z Jun 13 MA update #1 sent (CFICC)

210157Z Jun 13 MA to MND – CFICC OWO : URGENT MND O RFI : Require assessment of assets available potential times on situation

- 21258Z Jun 13 GOC SITREP received (as of 202200Z Jun 13)

SOUTHERN ALBERTA FLOOD TIMELINE

210445Z Jun 13 LFWA update # 3

210450Z Jun 13 MA SAR update # 2

210513Z Jun 13 MA to MND – CFICC SWO : Minister requires comprehensive sitrep NLT
 211000Z Jun 13

210529Z Jun 13 Cont OWO Update : provides update on SAR situation. CH146 & CH149
 evacuating stranded per's to High River A/P. Will RON in Lethbridge at end
 of crew day.

210532Z Jun 13 GOC - CFICC Cont : Province of Alberta request for assistance

210543Z Jun 13 GOC SITREP (as of 210500Z Jun 13)

210608Z Jun 13 MA - RFA Alberta Floods

210611Z Jun 13 CFICC SWO – CFICC Cont OWO : JTFW informed of CMDR CJOC
 verbal authority to provide assistance to province of Alberta for (1) Logistics
 / fuel support in Kananaskis Valley (2) EVAC of Kananaskis hospital
 patients (3) High River EVAC assistance

210617Z Jun 13 CFICC SWO – CFICC Cont OWO : Correction to (2) EVAC of Canmore
 patients

**210624Z Jun 13 CFICC SWO informs JTFW and CAOC that LFWA as dirlauth to
 organize assets with JFACC. LFWA is supported Command, JFACC is
 supporting command. Signed by Capt (N) Skjerpen.**

210727Z Jun 13 LFWA/JTFW update #4 received

210921Z Jun 13 LFWA/JTFW update #5received

210924Z Jun 13 JTFW daily SITREP received

210948Z Jun 13 FM JTFW : Summary of RCAF in support of SAR

210950Z Jun 13 Fm LFWA / JTFW : received confirmation of IRU composition

211023Z Jun 13 LFWA / JTFW : Alberta Flood Update # 5

211308Z Jun 13 LFWA / JTFW : Alberta Flood Update # 5

211345Z Jun 13 DRAFT RFA fm Alberta to MPS

211421Z Jun 13 Fm GOC : Teleconference to be convened at 211500Z Jun 13

211425Z Jun 13 Fm MNDO : require clarification 1200 CF members will be on site by end
 day 21 Jun 13

211442Z Jun 13 LCol Perron proposal for Battle Rhythm (BR) sent to Capt(N) Skjerpen

SOUTHERN ALBERTA FLOOD TIMELINE

211526Z Jun 13 Alberta Floods update # 7

211523Z Jun 13 CDS has authorized CJOC to provide assistance to the province of Alberta under NDA s.273.6(1)- Public Service.

211532Z Jun 13 RAdm Ellis – Comd JTFW : Comd CJOC Verbal Authorization to Comd JTF(W) , cleared to proceed with assistance to provincial authorities for tasks such as evacuation assistance, logistic support and other HA tasks immediately. While the final tasks are being worked out. Keep clear of any task that is ALEA or related.

211603Z Jun 13 OP LENTUS – CAF SUPPORT TO FLOOD MITIGATION IN SOUTHERN ALBERTA - CFICC SITREP 001

211606Z Jun 13 Alberta Floods Operation named “ LENTUS 13-01 “

211619Z Jun 13 GOC sends Minister’s formal letter requesting the support of the federal government

211622Z Jun 13 LCol Perron sends revised BR (ver 2) for Floods in AB

211625Z Jun 13 OPSCEN requesting update on what CF going, getting all sorts of RFIs from higher as to what the feds are doing in Alberta

211653Z Jun 13 MNDO is inquiring about the name of the CAF operations in support of floods in Alberta.

211701Z Jun 13 Rec’d copy of the request for CAF assistance from Mr Griffiths, Minister Responsible for Emergency Response (Alberta).

211728Z Jun 13 Situation fm GOC - Information valid as of **21 Jun 2013, 13:00EDT**

211734Z Jun 13 Geomatics rec’d fm GOC

211752Z Jun 13 JTFW forwards their BR for the duration of the domestic op in support of the province of AB

211807Z Jun 13 FW: from Wng O - PM tour of Alta Floods - UPDATE

211817Z Jun 13 LFWA/JTFW Alberta Flood update # 8

211819Z Jun 13 Rec’d - Draft CDS Tasking Order - Flood support to Alberta , Provide comment back NLT 1600 hrs today Fri 21 Jun 13

211823Z Jun 13 Rec’d fm C Army DLFR/G3 advanced copy of the Army FG O cutting LFWA troops to CJOC for the current flood situation in Alberta.

211931Z Jun 13 MNDO RFI: Erronous Information Distributed by Army Spokesperson

211957Z Jun 13 OP LENTUS 13-01 – CAF SUPPORT TO FLOOD MITIGATION IN SOUTHERN ALBERTA - CFICC SITREP 002

SOUTHERN ALBERTA FLOOD TIMELINE

212000Z Jun 13 CJOC Cont OWN RFI to LFWA/JTFW for latest numbers and movement of troops

212002Z Jun 13 LFWA-JTFW Alberta Flood Update 8

212014Z Jun 13 Rec'd GOC Business Cycle - 2013 Flooding - Prairies

212015Z Jun 13 LFWA/JTFW response to CJOC Cont OWO RFI and SitRep

212026Z Jun 13 GOC Sitrep - 2013 Flooding - Prairies

212030Z Jun 13 Rec'd Geomatics product fm GOC ref AB Flash flooding - Prairies

212035Z Jun 13 Op LENTUS 13-01 - RCAF AOC Update # 1

212042Z Jun 13	CDS DRAFT TASKING ORDER OP LENTUS 13-01 Rec'd
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212046Z Jun 13 LFWA-JTFW - Alberta Flood Update 8

212052Z Jun 13 LFWA-JTFW - Alberta Flood Update 9

OP LENTUS – CAF SUPPORT TO FLOOD MITIGATION IN SOUTHERN ALBERTA

GENERAL

1. Current Situation.

Heavy rainfall continues to fall in Southern AB and has resulted in a number of States of Emergency being established in a number communities, specifically Calgary and the surrounding communities of HIGH RIVER, BRAGG CREEK, BLACK DIAMOND, MD of FOOTHILLS, COUNTY of LETHBRIDGE. A SAR req was submitted to JRCC Trenton asking for support to a possible evacuation of effected pers in the area of HIGH RIVER. SAR assets were deployed to Calgary to base for SAR operations. This uncharacteristic weather event has challenged provincial capabilities and an RFA has been submitted by the province seeking CAF assistance. Current areas of concerns remain CANMORE, KANANASKIS Area, and HIGH RIVER.

OPERATIONS

3. Last 24 Hours

Draft RFA received. CDS authorized CJOC to conduct operations in support of flood mitigation in Southern Alberta. Comd JTF(W) is the supported Commander. Aircraft that were conducting SAR operations (2 x CORMORANT, 2 x GRIFFON from 4-WG Cold lake) have been chopped to JFACC to support JTF(W). 4 additional GRIFFON from 408 Sqn have also been tasked. Comd JTF(W) has issued a FRAGO to conduct operations to meet the Province of Alberta's Request for Assistance.

As of 0830 MST 1 CMBG IRU has 298 soldiers deployed. Vanguard Coy is has passed through Airdrie AB, enroute to Cochrane AB. Main Body Is in Red Deer. As well they have a 4 man Recce team that has been deployed to Calgary IOT prep locations for the LCC HQ which will be centered in Calgary at Curry Barracks.

4. Update of Alberta Emergency Management Alerts for the Flooding that is ongoing in Southern Alberta.

FOOTHILLS #31

Alert as of 0816hrs 21 Jun there is extremely dangerous and rapid flooding occurring. The Municipal District of Foothills remains under a local state of emergency due to flooding throughout the municipality. All available emergency services personnel continue to respond to this situation. MANDATORY EVACUATIONS- all residents living near rivers, creeks and streams are advised to leave these areas immediately and to remain out of these areas until otherwise notified. All campgrounds located near rivers or streams in the M.D. of Foothills including: Riverbend, Country Lane RV Park, Hogg Park and Nature's Hideaway.

ASSESSMENT

5. The Alberta Emergency Management Agency is still identifying the scope of assistance required. JTF(W) is liaising directly with provincial authorities and is standing by to assist within the authorities granted by MND.

UPDATES

6. CFICC will issue further SITREPs at 0600, 1200, 1530, 1930 EST daily UFN.

OP LENTUS – CAF SUPPORT TO FLOOD MITIGATION IN SOUTHERN ALBERTA

GENERAL

1. Current Situation.

Heavy rainfall continues to fall in Southern AB and has resulted in a number of States of Emergency being established in a number communities, specifically Calgary and the surrounding communities of HIGH RIVER, BRAGG CREEK, BLACK DIAMOND, MD of FOOTHILLS, COUNTY of LETHBRIDGE. A SAR req was submitted to JRCC Trenton asking for support to a possible evacuation of effected pers in the area of HIGH RIVER. SAR assets were deployed to Calgary to base for SAR operations. This uncharacteristic weather event has challenged provincial capabilities and an RFA has been submitted by the province seeking CAF assistance. Current areas of concerns remain CANMORE, KANANASKIS Area, and HIGH RIVER.

OPERATIONS

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Draft RFA received. CDS authorized CJOC to conduct operations in support of flood mitigation in Southern Alberta. Comd JTF(W) is the supported Commander. Aircraft that were conduct SAR operations (2 x CORMORANT, 2 x GRIFFON from 4-WG Cold lake) have been chopped to JFACC to support JTF(W). 4 additional GRIFFON from 408 Sqn have also been tasked. Comd JTF(W) has issued a FRAGO to conduct operations to meet the Province of Alberta's Request for Assistance.

As of 0900 MDT (1100 EDT). IRU and LCC HQ and 1 CER recce total 310 pers deployed: Recce Gp - 35 x tps, 11 x vehicles enroute Bow Valley Camp ETA 1000 hrs. Vanguard(VG) Company - 111 x tps, 24 x vehicles on Hwy 1. Vanguard will hold on Hwy 1 (Petro Can) until camp secured. Expectation is that VG Coy and main body will be rapidly engaged with evacuations. Engr - 75 x tps, 23 x veh, A Coy - 74 x tps, 13 x vehicles currently in Red Deer - will RV in CANMORE when RV confirmed. Heavy Equipment with 1 CER Vanguard now at Kanaskis Petro Canada on Hwy 1, and about to move into Camp Grouse, just south of Hwy 1. CSS Coy - 30x tps, 15 x vehicles C Coy Recce Gp en route. A Sqn roughly 70 pers available to deploy with up to 7 x SMP. Recce Sqn avail with 59 pers, 11 A vehs and 9 B vehs if required / auth.

LCC HQ recce element at RED DEER.

1 CER Recc Gp deployed at 0900, Advance Party deployed at 1045, main body to deployed at 1200 (total pers deployed being confirmed)

1 PPCLI - Will follow 1 CER, timings to follow. (number of pers being confirmed)

3PPCLI - CO 3 PPCLI has just completed orders to the Bn to reorganize in preparation for potential tasks in southern AB. B Coy has completed out-clearance from Cold Lake and is en route to Edmonton with an ETA of 1130. RSM is currently assigning manpower to achieve Bde Comd's tasks and distribution of equipment will follow this reassignment. Recce Party identified and will be on 2 hours NTM by 1200. (number of pers being confirm).

FSG. Preparing to begin deployment to vicinity of Cross Iron Mills near AIRDRIE. Move timings to follow.

RCAF - Effective immediately the ACC is delegated OPCON of the following Aircraft. 2 x CC146 CSS, 2 x CH149, 4 x CH 146. Additional assets may be requested through the CAOC

4. Update of Alberta Emergency Management Alerts for the Flooding that is ongoing in Southern Alberta.

CALGARY AB

Portions of the following communities are under mandatory evacuation: Beltline, Bonnybrook, Bowness, Bridgeland Industrial, Chinatown Eau Claire, Cliff Bungalow, Deer Run, Discovery Ridge, Downtown East Village, Elbow Park, Erlton, Inglewood, Hillhurst, Mission, Montgomery, Quarry Park, Rideau, Riverbend, Riverdale, Roxboro, Elboya, Sunnyside, Victoria Park, Windsor Park Two more communities were added to the evacuation list late last night: Douglasdale and Westmount/Hillhurst. Check calgary.ca to determine if your area is under an evacuation order. Reception centres have been set up for evacuees.

BRAGG CREEK AB

Due to power outages and flooding, Rocky View County has declared a mandatory evacuation for the Hamlet of Bragg Creek area

Lethbridge County AB

Follow the directions of local authorities. Avoid rivers, valleys and low lying areas. The Travers Reservoir spill way gates have been opened and higher than historic high flows are expected in the Little Bow Basin within the County of Lethbridge.

ASSESSMENT

5. No specific requests for support have been received from the Alberta Emergency Management Agency as of yet. It is anticipated that deployed forces will be tasked to assist in evacuations. JTF(W) is liaising directly with provincial authorities and is standing by to assist within the authorities granted by MND.

UPDATES

6. CFICC will issue next SITREP at 1930 EDT.

OP LENTUS 13-01 - CAF SUPPORT TO DISASTER RELIEF IN ALBERTA

GENERAL

1. Current Situation. Heavy rainfall from 19 – 21 Jun has resulted in flash-flooding in southern Alberta.

A request for the assistance of Canadian Armed Forces logistics, engineering and aviation assets to assist with accessing and supporting isolated communities in Alberta was received by the Government Operations Centre at 01:30 EDT on 21 Jun.

States of local emergency declared have been declared for the Municipal District of Bighorn, Canmore, Calgary, Kananaskis, Exshaw, Turner Valley, Crownsnest Pass, Black Diamond, High River, Lethbridge and Cochrane, Municipal District of Foothills, Municipal District of Willow Creek, Siksika Reserve, Sundre, Mountain View County, Red Deer and Fort Macleod.

A number of High Stream Flow Advisories and Flood Watches are in place in southern Alberta. Flood Warnings regarding rapidly rising water levels were in effect as of 10:00 EDT on 21 Jun for the Bow, Red Deer and Oldman River Basins.

Reporting as of 10:00 EDT 21 Jun indicates evacuations for a number of communities, including:

- Hamlet of Exshaw (partial evacuations affecting approx. 50 residents)
- Turner Valley (partial evacuation, affecting approx. 39 residents)
- Town of Canmore (One third of the town's population, an unconfirmed number of which have been permitted to return home)
- Town of High River (full evacuation, affecting approx. 1300)
- Bragg Creek (**full evacuation**)
- Kananaskis (partial evacuations, affecting approximately 725 residents)
- Calgary (partial evacuations, affecting up to approx. 100,000 residents)
- Okotoks
- Mountain View County
- Sundre
- Red Deer
- Stoney Tribe First Nation (approx. 60 residents affected, more anticipated)
- Siksika First Nation

Numerous road closures have been reported in the affected areas. The CP Rail line was closed on 20 Jun due to reported washouts in the vicinity of Canmore. CP Rail operations in Alberta are reported by Transport Canada to be at a stand-still as of 15:30EDT on 21 Jun. VIA and CN Rail operations remain uninterrupted

2. Assessment The Alberta Provincial Operations Centre is fully activated as of 13:00 EDT on 21 Jun. Alberta Emergency Management Agency Field Officers are in contact with municipalities to determine potential consequences and requirements for any assistance, JTF(W) is liaising directly with provincial authorities and is standing by to assist within the authorities granted by MND.)

OPERATIONS

Last 24 Hours

3. Command and Control: CDS Tasking Order - Op LENTUS 13-01: Canadian Armed Forces Support to Disaster Relief in Alberta released.. CJOC TASKORD to released this evening. Comd JTF(W) is the supported Commander for the conduct of operations in support to the province of Alberta for flood mitigation. Comd JTF(W) has issued FRAGO to prepare for operations to meet the Province of Alberta's Request for Assistance. ACC has been delegated OPCON of the following Aircraft. 2 x CC146 CSS, 2 x CH149, 4 x CH 146. Additional assets may be requested through the CAOC.

4. Force Disposition:

CAF laydown is as follows - timings for movements are in MDT (Ottawa Local time - 2hrs):

- Strat BG (IRU) at 410 to be complete in Canmore by 1700
- LCC HQ at 82 (to Calgary complete by 1900
- 1 VP at 383 to High River by 1900
- 3 VP at 176 in Edmonton
- Recce at 100 in Red Deer by 1700
- FSG at 110 in Edmonton
- Engr 82 in Cochrane

<< File: LENTUS dispositions 2052 hrs.ppt >>

b. At 211113 (MDT) Jun the JFACC passed OPCON of 2 x 4 Wg CH146s, 2 x 19 Wg CH149s, and 4 x 1 Wg CH146s to the ACC. The 4 & 19 Wg assets are currently conducting ops IVO High River and 1 Wg assets are assisting with a recce and VVIP tour of the affected areas. Airlift options to get techs and parts to Calgary to support the CH149s are being worked.

5. Force Tasks: No specific requests for support have been received from the Alberta Emergency Management Agency as of yet. RCAF SAR assets have been operating in vicinity High River for most of the day in support of RCMP evacuation efforts. It is anticipated that deployed forces will be tasked to assist in evacuations.

Next 24-48 hours

6. The ACC intends to consolidate assigned assets at the Calgary airport overnight IOT better assess the situation, determine the future requirements, and plan the way-ahead. Once this is complete, the ACC will determine what (if any) extra assets will be required. ACC will provide two sitreps daily to AOC.

Civil Authority Alerts/Forecast

WILLOW CREEK # 26

The gates are being opened immediately on the Twin Valley Reservoir located on the eastern boundary of MD of Willow Creek and Vulcan County. All rural residents south of Twin Valley Reservoir are advised to take all necessary precautions and evacuate the area below the dam immediately. The evacuation reception centre is located in the Town of Stavely at the community Hall.

CALGARY AB

Portions of the following communities are under mandatory evacuation: Beltline, Bonnybrook, Bowness, Bridgeland Industrial, Chinatown Eau Claire, Cliff Bungalow, Deer Run, Discovery Ridge, Downtown East Village, Elbow Park, Erlton, Inglewood, Hillhurst, Mission, Montgomery, Quarry Park, Rideau, Riverbend, Riverdale, Roxboro, Elboya, Sunnyside, Victoria Park, Windsor Park. Two more communities were added to the evacuation list late last night: Douglasdale and Westmount/Hillhurst. Check calgary.ca to determine if your area is under an evacuation order. Reception centres have been set up for evacuees.

TOWN TURNER VALLEY

A release of sour gas from a pipeline containing approximately one per cent hydrogen sulphide (H₂S) in the Town of Turner Valley. Alberta Energy Regulator staff are on site and are working with the Town of Turner Valley and Legacy Oil and Gas Ltd. Evacuation order for specific areas remains in place. Follow www.turnervalley.ca for updates.

TOWN OF BANFF

The bow river basin has received 250 millimeters of precipitation since Wednesday morning and the river levels are rising in response to heavy precipitation. There is a large amount of water travelling across land. This is leading to localized flooding. The areas around the Bow river and its tributaries have reached dangerous flooding levels. Evacuation orders have been issued for 100 Birch Avenue Rocky Mountain Coop Number 2. Please avoid areas around the Bow river and areas south of the Banff avenue bridge. Go to www.banff.ca for information updates.

BRAGG CREEK AB

Due to power outages and flooding, Rocky View County has declared a mandatory evacuation for the Hamlet of Bragg Creek area. The County has established an emergency evacuation centre at the Springbank Community High School / Park for All Seasons complex at 32224A Springbank Road. Residents can also go to the Banded Peak School, 230257 Highway 22 South, to be transported to the evacuation centre.

LETHBRIDGE COUNTY AB

Travers Reservoir has been opened and higher than historic high flows are expected in the Little Bow Basin in the County of Lethbridge. The normal flow is 3 m³/second and expected to peak at 60 m³/second in the next 12 hours or less. Alberta Environment

expects all bridge crossings to be wiped out on Highways 522, 845, 25, Cameron Crossing at 11-2, Peacock Crossing 13-0.

FOOTHILLS #31

Alert as of 0816hrs 21 Jun There is extremely dangerous and rapid flooding occurring. The Municipal District of Foothills remains under a local state of emergency due to flooding throughout the municipality. All available emergency services personnel continue to respond to this situation. MANDATORY EVACUATIONS- all residents living near rivers, creeks and streams are advised to leave these areas immediately and to remain out of these areas until otherwise notified. All campgrounds located near rivers or streams in the M.D. of Foothills including: Riverbend, Country Lane RV Park, Hogg Park and Nature's Hideaway. DO NOT RETURN TO AN EVACUATION ZONE UNTIL NOTIFIED IT IS SAFE TO DO SO.

VULCAN COUNTY

There are elevated water levels in the Bow and Little Bow Rivers in Vulcan County which are expected to continue rising. The floodgates on the Twin Valley and the Travers Reservoirs are being opened and large amounts of water will be entering the Little Bow River basin

Next Sitrep

CFICC will issue next SITREP at 220600 Jun EDT.

UNCLASSIFIED



OP LENTUS 13-01 Dispositions

1 CER
82 pers

Cochrane

LdSH (RC)
410 pers
by 2100Z

FSG
110 pers
deploying

Red Deer

Recce Sqn
100 pers by
2100Z

Committed to AO: 1167
Edmonton: 176

1 CMBG HQ (LCC):
Curry Barracks, Calgary
LdSH (RC): OPCOM to LdSH
• C Coy 1PPCLI
• A Coy 3 PPCLI

1 PPCLI: in Edmonton
(reserve)

FSG: will depl to Cross Iron
Mills near AIRDRIE, AB

Air: OPCON to ACC 2 x SAR
CH146, 2 X CH-149, 4 x
CH-146

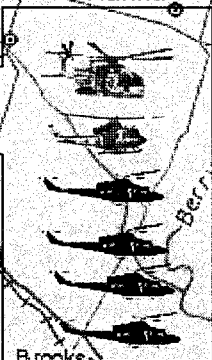
Canmore

Calgary

LCC HQ
82 pers
by 2300Z



High River



1 PPCLI 383
pers by
2300Z

21 June: based on JTFW update #9 2052Z

UNCLASSIFIED

Canadian Joint Operations Command
Commandement des opérations interarmées du Canada

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MINISTERIAL ADVISORY - RFA - Alberta Floods

Ref: CJOC Continental email 201704 EDT Jun 13 - Deployment of SAR resources.

a. What: Request For Assistance (RFA)

b. Where: Canmore, High River, Kananaskis AB.

c. When: Ongoing.

d. Who: The Province of Alberta

e. Why: RFA has been submitted as fol: "The Government of Alberta requests federal assistance from the Canadian Forces to assist us with dealing with some of the human impacts of widespread flooding in the southern portion of our province. As you are aware we have been hit with historic amounts of rainfall in a very short period over the last 24 hours and it has generated a number of acute problems that require immediate specialized logistic/engineering capacity and capability. Specifically, we are requesting ruggedized logistics, engineering and aviation assets that are capable of conducting lift of fuel, people and equipment in portions of the province that are cut off by the flooding and rendered austere. The logistic needs of these stranded Albertans are beyond the ability of the province to put together in the time required.

f. Action Taken: Ref: telecon, LGen Beare/RAdm Ellis, 210530Z June 2013. COMD CJOC has provided verbal auth to provide assistance to the Province of Alberta for the following effects:

1. Logistics/fuel support in the Kananaskis valley area;
2. Evacuation of Kananaskis hospital patients; and
3. High River evacuation assistance.

g. Misc: N/A

Grant Bannister
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 CFICC SWO | SWO CCIFC
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ADMINISTRATIVE GROUP/CN=RECIPIENTS/CN=P-OTG.CFICCSCWIMN[+CFICC IMN@CJOC
HQ@Ottawa-Hull]; Startop, 1600 Star Top Rd., 3-314 CFICC[945-2707]; +CFICC SWO@CJOC
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IR@SJS JIIFC Det@Ottawa-Hull]; EX[噉口口但口卅伯口口卒口口口口噉口口口口快偕口口口口久協口
口剝口口口口]; 613-992-0489[TIMOTHY.ARSENAULT@forces.gc.ca]; +CFICC Cont OWO@CJOC
HQ@Ottawa-Hull[P-OTG.CANADACOMJCC]; EX[噉口口但口卅伯口口卒口口口口噉口口口口快偕口口口
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IMN@CJOC HQ@Ottawa-Hull]; /[口절口口릴口口苡口漂口扱口口峻口物磋口泫湏獵抵獅癩口片峻口潛劍挽
灑敦環口潛捨佷口口口口南佗]; Peter.Allan2@forces.gc.ca[613-286-1016];
IAN.ANDERSON2@forces.gc.ca[613-614-5498]; TIMOTHY.ARSENAULT@forces.gc.ca[613-219-5628];
/[E]; EX[+CFICC Cont OWO@CJOC HQ@Ottawa-Hull]; Bedard BGen S@ADM(PA)@Ottawa-
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Allan LCol PC@VCDS@Ottawa-Hull[992-6055]; Anderson Cdr IR@SJS JIIFC Det@Ottawa-Hull[945-
3147]; [口절口口릴口口苡口伯口扱口口問口對吃口口义奔剔响噉[則問口乃劍口偉口呎口乃卒久噉
吮M[Arsenault LCol TM@SJS Operations@Ottawa-Hull]; 613-219-5628[Beare LGen SA@CJOC
HQ@Ottawa-Hull]; /O=FORCES/OU=FIRST ADMINISTRATIVE
GROUP/CN=RECIPIENTS/CN=BEDARD.S3[噉口口但口卅伯口口卒口口口口噉口口口口快偕口口口口口
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捨佷口口口口]; Sylvain.Bedard@forces.gc.ca[噉口口但口卅伯口口卒口口口口噉口口口口快偕口口
口口口久協口口口對]; Star Top, 1600 Star Top Rd., 3-314 CFICC[E]; E[945-2707]; +CFICC
SWO@CJOC HQ@Ottawa-Hull[613-998-4136]; Allan LCol PC@VCDS@Ottawa-Hull[992-6055]; [口절口
口릴口口苡口伯口扱口口問口對吃口口义奔剔响噉[則問口乃劍口偉口呎口乃口口到体口對[613-945-3147];
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SA@CJOC HQ@Ottawa-Hull[STUART.BEARE@forces.gc.ca];

Subject: MINISTERIAL ADVISORY - RFA - Alberta Floods
Sent: Fri 6-21-2013 6:08:09 AM
From: Labarre Sgt JMJ@CJOC HQ@Ottawa-Hull

- "Allan LCol PC@VCDS@Ottawa-Hull" <Peter.Allan2@forces.gc.ca> ,
- "Anderson Cdr IR@SJS JIIFC Det@Ottawa-Hull" <IAN.ANDERSON2@forces.gc.ca> ,
- "Arsenault LCol TM@SJS Operations@Ottawa-Hull" <TIMOTHY.ARSENAULT@forces.gc.ca> ,
- "Beare LGen SA@CJOC HQ@Ottawa-Hull" <STUART.BEARE@forces.gc.ca> ,
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- "Belanger Maj C@CJOC HQ@Ottawa-Hull" <CHRISTIAN.BELANGER2@forces.gc.ca> ,
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DL - 2 - Releasable to All Federal Departments and Agencies.

Sir,

This report covers CJOC Continental and regional activities in the last 24 hrs. There is no classified supplement.

1. **CCIR TRIPS:** There were no CCIR trips for CJOC Continental or US NORAD-NORTHCOM during the reporting period.

CF FORCE PROTECTION LEVEL: 5+

2. **OPERATIONS:** Op LENTUS; States of local emergency were declared on 20 Jun for the Municipal District of Bighorn, Canmore, Calgary, Kananaskis, Exshaw, Turner Valley, Crowsnest Pass, Black Diamond, High River, Lethbridge and Cochrane. Flood Warnings regarding rapidly rising water levels were in effect as of 20:00EDT on 20 Jun for the Red Deer (Red Deer and Little Red Deer Rivers), Bow (Row, Elbow, Sheep and Highwood Rivers) and Oldman (Oldman River and Willow Creek) River Basins.

3. REGIONAL:

a. JTFA: MEDEVAC; CH149 Cormorant helicopter was tasked at 20:36 EDT to carry a patient to Goose Bay. At 21:12 EDT the Cormorant begin sortie but was cancelled at 21:27 EDT, patient no longer needed to be medevaced, getting better. Cormorant RTB. Case closed.

b. JTFE: EOD; i) Le centre de suivi opérationnel de la SQ a contacté le CENVEILLE pour une demande d'assistance des FC pour la récupération d'engins militaires trouvés dans un logement à St-Lambert à la suite d'une succession. Les engins de type militaire ont été rapportés au poste de police de St-Hubert. Dossier clos. ii) Le centre de suivi opérationnel de la SQ a contacté le CENVEILLE pour une demande d'assistance des FC pour la récupération d'engins militaires trouvés dans un logement à Ste-Foy. Dossier ouvert.

c. JTFN: NSTR

d. JTFC: NSTR

e. JTFW: **SAR**; Cormorant from 19 Wg, Griffon from 417 Sqn and Herc from 435 Sqn flew overnight to evacuate flooded victims to High River airport. **RFA** - COMD CJOC has provided verbal auth to provide assistance to the Province of Alberta for the following effects: 1. Logistics/fuel support in the Kananaskis valley area; 2. Evacuation of Canmore hospital patients; and 3. High River evacuation assistance.

f. JTFF: NSTR

4. GOC ACTIVITIES:

CURRENT: NSTR

UPCOMING: NSTR

5. CONTINENTAL: NSTR**6. OTHER: NSTR**

END SITREP

V/R

Jean-Eudes (J-E) Ainsley

Major | major

Continental OWO | continent ODO
Canadian Joint Operations Command | Commandement des opérations
interarmées du Canada
National Defence | Défense nationale
Ottawa, Canada K1A 0K2
Telephone | Téléphone 613-945-2702
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From: Byrne LCdr MJ@CJOC HQ@Ottawa-Hull on behalf of +CFICC
SWO@CJOC HQ@Ottawa-Hull
Sent: Friday, 21, June, 2013 11:34
To: +CFICC Cont OWO@CJOC HQ@Ottawa-Hull
Subject: FW: Comd CJOC Verbal Authorization to Comd JTF(W)
Move the direction below to chat

Thanks,

LCdr Martin Byrne
CFICC SWO
613-998-4136

From: Ellis RAdm JETP@CJOC HQ@Ottawa-Hull
Sent: Friday, 21, June, 2013 11:32 AM
To: Juneau BGen JCG@LFWA HQ@Edmonton; +CFICC SWO@CJOC HQ@Ottawa-Hull; Bouchard Col S@CJOC HQ@Ottawa-Hull; Cambron LCol JMPP@CJOC HQ@Ottawa-Hull; Carignan LCol MSC@CJOC HQ@Ottawa-Hull; Ferguson AM@CJOC HQ@Ottawa-Hull; Lalumiere Col M@CJOC HQ@Ottawa-Hull; Lemay LCol JMC@CJOC HQ@Ottawa-Hull; Litterini Col N@CJOC HQ@Ottawa-Hull; MacIsaac Col DA@CJOC HQ@Ottawa-Hull; Martineau Col F@CJOC HQ@Ottawa-Hull; Mathé Col CA@CJOC HQ@Ottawa-Hull; McGarry Col LP@CJOC HQ@Ottawa-Hull; Messier Col F@CJOC HQ@Ottawa-Hull; Moritsugu Col SM@CJOC HQ@Ottawa-Hull; Peters Cdr DM@CJOC HQ@Ottawa-Hull; Rafter Col MML@CJOC HQ@Ottawa-Hull; Skjerpen Capt (N) CT@CJOC HQ@Ottawa-Hull; Thomas BGen LE@CJOC HQ@Ottawa-Hull
Cc: Fletcher LCol WH@LFWA HQ@Edmonton; St-Amand MGen JJP@1 Cdn Air Div HQ EXEC@Winnipeg; Lamarre BGen CA@SJS Operations@Ottawa-Hull; St-Amand MGen JJP@1 Cdn Air Div HQ EXEC@Winnipeg; Dallaire Maj JA@CJOC HQ@Ottawa-Hull; Beare LGen SA@CJOC HQ@Ottawa-Hull; Noonan MGen SP@CJOC HQ@Ottawa-Hull
Subject: FW: Comd CJOC Verbal Authorization to Comd JTF(W)

Comd JTFW: You are cleared to proceed with assistance to provincial authorities for tasks such as evacuation assistance, logistic support and other HA tasks immediately. While the final tasks are being worked out. Keep clear of any task that is ALEA or related.

CJOC J8 - Contact SJS J34 and FinCS to establish cost capture and reporting mechanisms.

CFICC retx this via chat to JTFW

acknowledge Comd JTFW

Peter Ellis
Rear-Admiral | Contre-amiral
Commandant adjoint (Opérations expéditionnaires) | Deputy Commander
(Expeditionary Operations)
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From: Byrne LCdr MJ@CJOC HQ@Ottawa-Hull **On Behalf Of** +CFICC SWO@CJOC HQ@Ottawa-Hull
Sent: Friday, 21, June, 2013 11:23 AM
To: St-Amand MGen JJP@1 Cdn Air Div HQ EXEC@Winnipeg; Juneau BGen JCG@LFWA HQ@Edmonton
Cc: Lamarre BGen CA@SJS Operations@Ottawa-Hull; Ellis RAdm JETP@CJOC HQ@Ottawa-Hull; Beare LGen SA@CJOC HQ@Ottawa-Hull; Thomas BGen LE@CJOC HQ@Ottawa-Hull; Perron LCol JPM@CJOC HQ@Ottawa-Hull; Justice Cdr RE@CJOC HQ@Ottawa-Hull; Zorz Cdr J@SJS Operations@Ottawa-Hull; Noonan MGen SP@CJOC HQ@Ottawa-Hull
Subject: Comd CJOC Verbal Authorization to Comd JTF(W)

ALCON,

The CDS has authorized CJOC to provide assistance to the province of Alberta under NDA s.273.6(1)- Public Service. SJS and Adm(Pol) continue to confirm the specific tasks and associated documentation necessary to follow this direction. Please note that there is no authority at this point to provide assistance under NDA s.273.6(2) - ALEA.

Comd CJOC has given verbal authority to Comd JTF(W) to conduct operations in support of flood mitigation in Southern Alberta. JTF(W) is the supported Commander, JFACC is supporting.

LCdr Martin Byrne
CFICC SWO
613-998-4136

OP LENTUS 13-01 – CAF SUPPORT TO DISASTER RELIEF IN ALBERTA

CFICC SITREP 004 – 220600EDT JUN

GENERAL

1. Current Situation.

Several major transportation corridors have been closed as a result of the flooding and several communities are either cut-off or at risk of being cut-off. Areas affected include the: Town of Canmore, Municipal District (MD) of Bighorn, Hamlet of Exshaw, Town of Black Diamond, Town of High River, Town of Turner Valley, the Village of Kananaskis the Municipality of Crowsnest Pass, the Town of Cochrane, the Town of Sundre, the Town of Okotoks, the City of Calgary, the City of Lethbridge, the Municipal District of Willow Creek #26, Vulcan County, the City of Red Deer, the Town of Fort Macleod, MD of Ranchland, Cypress County, Lethbridge County, MD of Foothills, City of Medicine Hat, Mountainview County, Red Deer County, Rocky View County, Siksika Nation, Stoney Nation, Tsuu T'ina Nation, and the Town of Redcliff. Power and communications services have been disrupted throughout the affected area and the Amateur Radio Emergency Service (ARES) has been engaged to assist with establishing lines of communication where needed. The River Forecast Centre is forecasting river levels throughout the province to meet or exceed the levels seen during the 2005 flood event. Outflows from the Dickson Dam, Oldman Dam and Bearspaw Reservoir have been increased. Water Management Operations staff continue to manage inflows/outflows in reservoirs.

An Assistant Deputy Minister Task Force (created in 2011 for the Slave Lake wildfire) has been re-convened to coordinate government support for the recovery of communities impacted by the flooding. The province has formally requested the support of the Canadian Armed Forces and initial CAF deployment to critical areas is complete. The military will provide unique support in the form of helicopters, engineering equipment, and logistical assets as well as personnel that are required for the evacuation of distressed persons and delivery of essential materials and aid in Kananaskis Country, High River, and Canmore. The City of Medicine Hat has also requested material assistance from the Commander of CFB Suffield (sandbags and sandbag machine).

2. Assessment

This is a rapidly changing, complex operational environment. The scope and scale of the pressures being felt across the region are significant, but being managed by local authorities to the best of their abilities. The Provincial Operations Centre (POC) is working to obtain broad situational awareness in order to properly coordinate the many Government of Alberta (GoA) and federal resources that are already directly and indirectly responding to the situation.

OPERATIONS

Last 24 Hours

3. Command and Control: CJOC Op Order - Op LENTUS 13-01 released. Comd JTF(W) is the supported Commander for the conduct of operations in support to the province of Alberta for flood mitigation.

4. Force Disposition:

CAF initial deployment into the AO complete with forces aligned to support Local Authorities in critical areas based on requests for assistance received. CAF laydown is as follows:

- Strat BG (IRU) at 410 in Canmore
- LCC HQ at 47 in Calgary
- 1 VP at 383 to High River
- 3 VP at 176 in Edmonton
- 1 CER 279 in Cochrane
- Recce at 35 in Red Deer
- FSG at 133 in Edmonton
- ACC 60 in Calgary

INSERT DISPOSITION POWERPOINT FILE in EMAIL

5. Force Tasks: Specific tasks for CAF have not yet been defined. Commanders on the ground are completing their liaison and assessments to refine the specific support to be provided. The initial task to support local authorities is the search and evacuation of affected population.

Next 24-48 hours

6. CAF completed initial deployment into the Area of Operations. Engagement and liaison with Local Authorities continues. Planning and execution of specific support tasks will continue as on site commanders complete their assessments. Use of SAR assets is being reviewed as the requirement for aerial evacuation decreases. A CP140 Aurora has been tasked to provide overflight of the affected flood areas.

Civil Authority Alerts/Forecast

HIGH RIVER

The entire town is under a mandatory evacuation order. A planning team consisting of planners from AEMA, ESRD, AH and AB Transportation, and GoA Communications staff are enroute High River to assist planning for support to evacuees, re-entry and interim housing. The High River Hospital has begun to evacuate the patients who were sheltering in place. An impacted communications node in the region has made telecommunications sporadic throughout the area.

WILLOW CREEK # 26

The gates are being opened immediately on the Twin Valley Reservoir located on the eastern boundary of MD of Willow Creek and Vulcan County. All rural residents south of Twin Valley Reservoir are advised to take all necessary precautions and evacuate the area below the dam immediately. The evacuation reception centre is located in the Town of Stavely at the community Hall.

CALGARY AB

The City of Calgary has initiated a "controlled" evacuation of the entire downtown core. Mandatory evacuation orders have been issued for the following communities along the Elbow River; Discovery Ridge, Bowness, Sunnyside, Eau Claire, East Village, Bonnybrook, Mission, Elbow Park, Elboya, Roxboro, Rideau, Inglewood, Erlton, Cliff Bungalow, Victoria Park, Westmount, Montgomery, Bonnybrook, Riverbend and Quarry Park. Residents are encouraged to find shelter with family or friends for the next 72 hours minimum. Residents will not be allowed access to those communities after 1500hrs, 20 June. Calgary Zoo is being evacuated. Evacuations are ongoing with up to 75,000 persons affected, but reports are reception centres are not busy. The Elbow and Bow Rivers have peaked but are maintaining. Water levels in both rivers are expected to remain extremely high for several days. Evacuation personnel are under stress and may need reinforcements. Transit services ongoing, 15 busses and drivers on standby for evacuation purposes. 28 members of Canada Task Force 2 (Heavy Urban Search and Rescue) deployed currently. Power has been shut off in evacuated communities for the safety of citizens and first responders; however, Enmax is unable to isolate portions of the power grid by community. As a result, neighbourhoods bordering evacuated communities may also be experiencing power outages. All Calgary Board of Education and Calgary Separate School Board schools are closed. There is no access through the downtown core via transit or c-train. Numerous downtown buildings have been closed including The City's Municipal Complex, Public Building and Andrew Davison Building. Numerous roads and bridges throughout the city are closed.

TOWN OF TURNER VALLEY

39 residents evacuated from Turner Gate and Poverty Flats areas of Turner Valley. 69 residents reported to be sheltering in place in the areas of Bailey Hill and Bailey Bridge. There are additional evacuees in the area due to flooding, however, numbers are not known at this time. The sour gas leak has now been resolved and it is expected the residents will be allowed to return to their residences. Red Cross has dispatched staff and supplies to the area. Potable water is not a concern at this time as they have a six month reserve of raw water storage. EMS coverage has been addressed with units strategically placed in Turner Valley and Black Diamond. Follow www.turnervalley.ca for updates.

CANMORE

Evacuations expanded into the "Grotto" area, but many residents are "not interested" in leaving. Main bridge into Grotto currently stable and is the only control access into or out of that area. Banff Fire Department on scene per mutual aid agreement. The goal is to eventually consolidate the evacuees into the Canmore Composite High School and operate one reception centre. The municipality has gone door to door to inform those at highest risk of the situation and provide guidance on actions should they need to evacuate. The mandatory evacuation order for the neighbourhood of Palliser has been lifted and residents are returning home. Canmore is reportedly in the early stages of re-entry planning. Crews continue working on re-enforcing river banks and related infrastructure. Alberta Health Services reports patients at the Canmore Hospital are stable, and they have a diesel generator providing power. The hospital experienced some flooding, but at this time their generator is safe and patient care/daily operations have not been affected. They are working with Alberta Environment and Sustainable Resource Development (ESRD) to get fuel flown in. Water levels on the Bow River near Canmore are expected to peak today.

MUNICIPAL DISTRICT OF BIG HORN (Hamlet of Exshaw)

Supplies (cots etc.) flown in to isolated evacuees. Approximately 50 people have been evacuated to the Exshaw municipal office. The total population of the Hamlet is approximately 360 persons. Reports are the road out of the community is now passable and the community is no longer isolated. The road to Exshaw to the West is reportedly passable again, meaning the community is no longer isolated. Some power has been restored as of late Thursday.

COUNTY OF ROCKY VIEW

The situation in Bragg Creek has stabilized, but not changed. A mandatory evacuation order remains in place for the hamlet of Bragg Creek, with voluntary evacuation orders for the nearby communities. Redwood Meadows (on Tsuu T'ina First Nation territory) residents evacuated as the berm is in danger of breaching. Jumping pound creek has breached its banks and is flooding. A reception Center was opened earlier for evacuees from other areas of Rocky View. Roadways to Bragg Creek closed. The Elbow River near Bragg Creek has crested which should bring relief.

KANANASKIS

The 700 people who were sheltering in place at the Delta Kananaskis lodge have now departed, as the road has been repaired and opened to light traffic. It is believed that up to 500 people were evacuated to a reception centre in Red Deer (TBC). Kananaskis EOC located at Canmore provincial building. 25 evacuees staying in emergency services building in Kananaskis Country, six bridges lost in area either approaches, abutments or decks gone. Delta Kananaskis hotel is on generator power. Alberta Tourism, Parks and Recreation Tourism, Parks and Recreation staff have evacuated campgrounds to keep people safe, are assisting people who are stranded in Kananaskis Country and directly contacting people who had booked camping reservations to ensure they are aware of the situation.

OKOTOKS

The evacuation notice has been lifted for all affected areas in Okotoks and residents may return home. Levels on the Sheep River continue to recede. Overland flooding has occurred at the Sheep River Park and many adjacent low lying areas. All roads have re-opened. Water quality remains good.

MOUNTAIN VIEW COUNTY

Evacuations remain in effect in areas southwest of Sundre.

SUNDRE

Evacuated residents from the East side of the river in Sundre reporting to reception centre at Olds College. The Red Deer River has dropped 1.5 metres, as a result the mandatory evacuation order has been downgraded to a 2 hour notice to evacuate. The only community still under mandatory evacuation order is the Riverside RV park.

RED DEER

All residents of the Lions Campground have been evacuated, and all public areas adjacent to the Red Deer River have been closed.

COCHRANE

There are no road or bridge closures in Cochrane at this time. The Bow River and Jumpingpound Creek have peaked and are currently considered stable.

DOWNSTREAM IMPACTS

Communities downstream from the currently impacted communities have been advised of the flooding threat. The most significant concern is the City of Medicine Hat, where levels and flows are anticipated to exceed those experienced in 2005. An AEMA Field Officer is being deployed to the downstream communities to provide advice on mitigation and to be in place during response.

Next SITREP

CFICC will issue the next SITREP at 221200 EDT Jun.

OP LENTUS 13-01 – CAF SUPPORT TO DISASTER RELIEF IN ALBERTA

CFICC SITREP 006 – 221530EDT JUN

CURRENT SITUATION - 222000Z Jun 13

OP LENTUS supporting AB provincial authorities in the following tasks:

1. Recce of Affected Areas
2. Support to Evacuation efforts
3. Assistance to local authorities' planning

NEW TASKS SINCE LAST REPORT (221600Z Jun 13): NSTR (Commanders on the ground are completing their liaison and assessments to refine the specific support to be provided)

FORCE DISPOSITION: Numbers fluctuate reporting 1500+ externally

UNIT	Personnel/Assets	Location	Actions Taken
JTFW HQ FWD	50	Edmonton	HQ at FOC
LCC HQ	90	Calgary (HMCS Tecumseh)	ESTAB LCC
IRU - LdSH (RC)	416	Canmore	Liaison, Assist in Evac
1 PPCLI	269	High River	Sp to Local Authority
1 CER	279	Cochrane	Sp to Local Authority
LdSH (RC) Recce	55	Red Deer	Hold (1 HR NTM)
1 Svc Bn	132	Edmonton	FSG (Airdrie)
41 TBG	415	Currie Barracks	DAG and Mounted at Calgary
408 Sqn	1xGriffon	Edmonton	On Station
417 Sqn	2xGriffon	Calgary Int Airport	On Stby
408 Sqn	3xGriffon	Calgary Int Airport	On Stby
407 Sqn	1xAurora	Comox	ISR Mission
442 Sqn	2xCormorant	Calgary Int Airport	On Stby

Warned:

Unit	Personnel/Assets	Location	Status
3 PPCLI	162	Edmonton	1 CMBG Reserve

38 & 39 TBG	Unknwn	24hrs NTM	Staff Checks
HMCS Tecumseh	6 Pers 1xRHIB, 1xZodiac, 1xHurricane, 1x9 Pax Van, 1x1 Ton	On Call	On order of Nav Res HQ
HMCS Nonsuch	2 Pers 1xZodiac, 1x9 Pax Van	On Call	On order of Nav Res HQ

CHANGES SINCE LAST REPORT (221600Z Jun 13): NSTR

OPERATIONS SUMMARY

- A. Force integration and deployments progressed well over past 24 hours.
- B. Land Component HQ (Comd 1 CBG) established at HMCS TECUMSEH in downtown Calgary
- C. Working with local authorities and gaining better understanding of situation and concerns and priorities of prov and local authorities
- D. Established liaison and presence in Provincial Operations Centre and considering augmenting their planning capacity with small team
- E. Conducted reces to scope anticipated tasks, state of infrastructure with a view to anticipate requirements
- F. Have received several requests from local RCMP to assist with roadblocks, access control and other ALEA tasks. Except for one instance, which was corrected as soon as it came to the attention of command, these tasks have been declined iaw LENTUS 13-01 restraints to not conduct ALEA. (earlier today ivo High River, CAF members assisted RCMP to establish roadblock, stationing LAV across a roadway. This scene, which included several soldiers in the background, was captured on video by a CTV news reporter. When command became aware of this, the activity was ceased immediately)
- G. Local UK assistance from contingent in Suffield was offered – offer declined.
- H. Elements of 41 CBG sandbagging ivo Medicine Hat

OPERATIONS OUTLOOK

- A. Anticipate continuance of current tasks
 - B. Expect CP140 to conduct survey of AO
 - C. Expect cresting at Medicine Hat within 30 hours.
- Given that this location has had warning, it has been possible to conduct pro-active evac of approx 10,000 residents and some limited sandbagging.

ASSESSMENT AND INTENTIONS

- A. Biggest near term concern is the cresting at Medicine Hat and Drumheller. JTFW is monitoring Medicine Hat with AEMA. Expect to require Cormorants until this occurs. Will reassess 23 June.
- B. Assessment is that flood risks in Saskatchewan and BC are within provincial capability and do not expect RFA.
- C. Depending on the duration of high water levels and evacuations, displaced persons/populations are likely to require support in terms of water, shelter etc. Unique CAF capabilities such as Reverse Osmosis Water Production Units (ROWPU) and operators, Mobile Girder Bridge (MGB) other engineering specialists such as Electrical Generation Technicians may be required to assist in restoration of critical infrastructure.
- D. CJOC checking on availability and location of possible enablers (WG O issued)
- E. Comd JTFW intends linking up with the deputy premier today to discuss the criteria which would lead to determination that CAF assistance no longer required.

Developments/Notable Events

Casualties: RCMP indicates 4 x Civilian fatalities have been attributed to the flood, 3 x bodies have been recovered, 1 pending recovery. (no CAF involvement)

Calgary:

-75000 pers displaced. Currently 8 reception centers are open. Three are filled but five still have space available. Many pers are staying with friends, etc rather than at the centers.

-The Elbow and Bow Rivers have peaked. More peaks to follow but none as severe as what has already occurred.

-Bldgs in the downtown core not expected to be occupied until mid week at earliest.

High River:

A planning team (AEMA, GoA, etc) is in location and working on future plans.

Canmore:

They have implemented an outline plan for re-entry. Situation is improving

Kananaskis:

The 700 pers who were sheltering at the Delta Hotel have been evacuated to Red Deer. Only 4 pers have registered at the reception center.

Lethbridge:

Cancelled their SOLE. They are looking to sp other communities. Situation assessed as improving.

Medicine Hat:

The have conducted a proactive evac of 10000 pers.
They are looking at the potential of moving the inmates at the Remand Center.
They have medical facilities operating on both sides of the river.

Next SITREP

CFICC will issue the next SITREP at 221930 EDT Jun.

OP LENTUS 13-01 – CAF SUPPORT TO DISASTER RELIEF IN ALBERTA

CFICC SITREP 007 – 221930EDT JUN

CURRENT SITUATION - 222330Z Jun 13

OP LENTUS supporting AB provincial authorities in the following tasks:

1. Recce of Affected Areas
2. Support to Evacuation efforts
3. Assistance to local authorities' planning

NEW TASKS SINCE LAST REPORT (222000Z Jun 13): NSTR (Commanders on the ground are completing their liaison and assessments to refine the specific support to be provided)

FORCE DISPOSITION: Numbers fluctuate reporting 1500+ externally

UNIT	Personnel/Assets	Location	Actions Taken
JTFW HQ FWD	50	Edmonton	HQ at FOC
LCC HQ	90	Calgary (HMCS Tecumseh)	ESTAB LCC
IRU - LdSH (RC)	416	Canmore	Liaison, Assist in Evac
1 PPCLI	269	High River	Sp to Local Authority
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Warned:

Unit	Personnel/Assets	Location	Status
3 PPCLI	162	Edmonton	1 CMBG Reserve

38 & 39 TBG	Unknwn	24hrs NTM	Staff Checks
HMCS Tecumseh	6 Pers 1xRHIB, 1xZodiac, 1xHurricane, 1x9 Pax Van, 1x1 Ton	On Call	On order of Nav Res HQ
HMCS Nonsuch	2 Pers 1xZodiac, 1x9 Pax Van	On Call	On order of Nav Res HQ

CHANGES SINCE LAST REPORT (222000Z Jun 13): NSTR

OPERATIONS SUMMARY

- A. Force integration and deployments progressed well over past 24 hours.
- B. Land Component HQ (Comd 1 CBG) established at HMCS TECUMSEH in downtown Calgary
- C. Working with local authorities and gaining better understanding of situation and concerns and priorities of prov and local authorities
- D. Established liaison and presence in Provincial Operations Centre and considering augmenting their planning capacity with small team
- E. Conducted reces to scope anticipated tasks, state of infrastructure with a view to anticipate requirements
- F. Have received several requests from local RCMP to assist with roadblocks, access control and other ALEA tasks. Except for one instance, which was corrected as soon as it came to the attention of command, these tasks have been declined iaw LENTUS 13-01 restraints to not conduct ALEA. (earlier today ivo High River, CAF members assisted RCMP to establish roadblock, stationing LAV across a roadway. This scene, which included several soldiers in the background, was captured on video by a CTV news reporter. When command became aware of this, the activity was ceased immediately)
- G. Local UK assistance from contingent in Suffield was offered – offer declined.
- H. Elements of 41 CBG sandbagging ivo Medicine Hat

OPERATIONS OUTLOOK

- A. Anticipate continuance of current tasks
 - B. CP140 airborne survey of AO is complete. Analysis ongoing.
 - C. Expect cresting at Medicine Hat within 26 hours.
- Given that this location has had warning, it has been possible to conduct proactive evac of approx 10,000 residents and some limited sandbagging.

ASSESSMENT AND INTENTIONS

- A. Biggest near term concern is the cresting at Medicine Hat and Drumheller. JTFW is monitoring Medicine Hat with AEMA. Expect to require Cormorants until this occurs. Will reassess 23 June.
- B. Assessment is that flood risks in Saskatchewan and BC are within provincial capability and do not expect RFA.
- C. Depending on the duration of high water levels and evacuations, displaced persons/populations are likely to require support in terms of water, shelter etc. Unique CAF capabilities such as Reverse Osmosis Water Production Units (ROWPU) and operators, Mobile Girder Bridge (MGB) other engineering specialists such as Electrical Generation Technicians may be required to assist in restoration of critical infrastructure.
- D. CJOC checking on availability and location of possible enablers (WG O issued)
- E. Comd JTFW intends linking up with the deputy premier today to discuss the criteria which would lead to determination that CAF assistance no longer required.

Developments/Notable Events (NSTR)

Casualties: RCMP indicates 4 x Civilian fatalities have been attributed to the flood, 3 x bodies have been recovered, 1 pending recovery. (no CAF involvement)

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-75000 pers displaced. Currently 8 reception centers are open. Three are filled but five still have space available. Many pers are staying with friends, etc rather than at the centers.

-The Elbow and Bow Rivers have peaked. More peaks to follow but none as severe as what has already occurred.

-Bldgs in the downtown core not expected to be occupied until mid week at earliest.

High River:

A planning team (AEMA, GoA, etc) is in location and working on future plans.

Canmore:

They have implemented an outline plan for re-entry. Situation is improving

Kananaskis:

The 700 pers who were sheltering at the Delta Hotel have been evacuated to Red Deer. Only 4 pers have registered at the reception center.

Lethbridge:

Cancelled their SOLE (State Of Local Emergency). They are looking to sp other communities. Situation assessed as improving.

Medicine Hat:

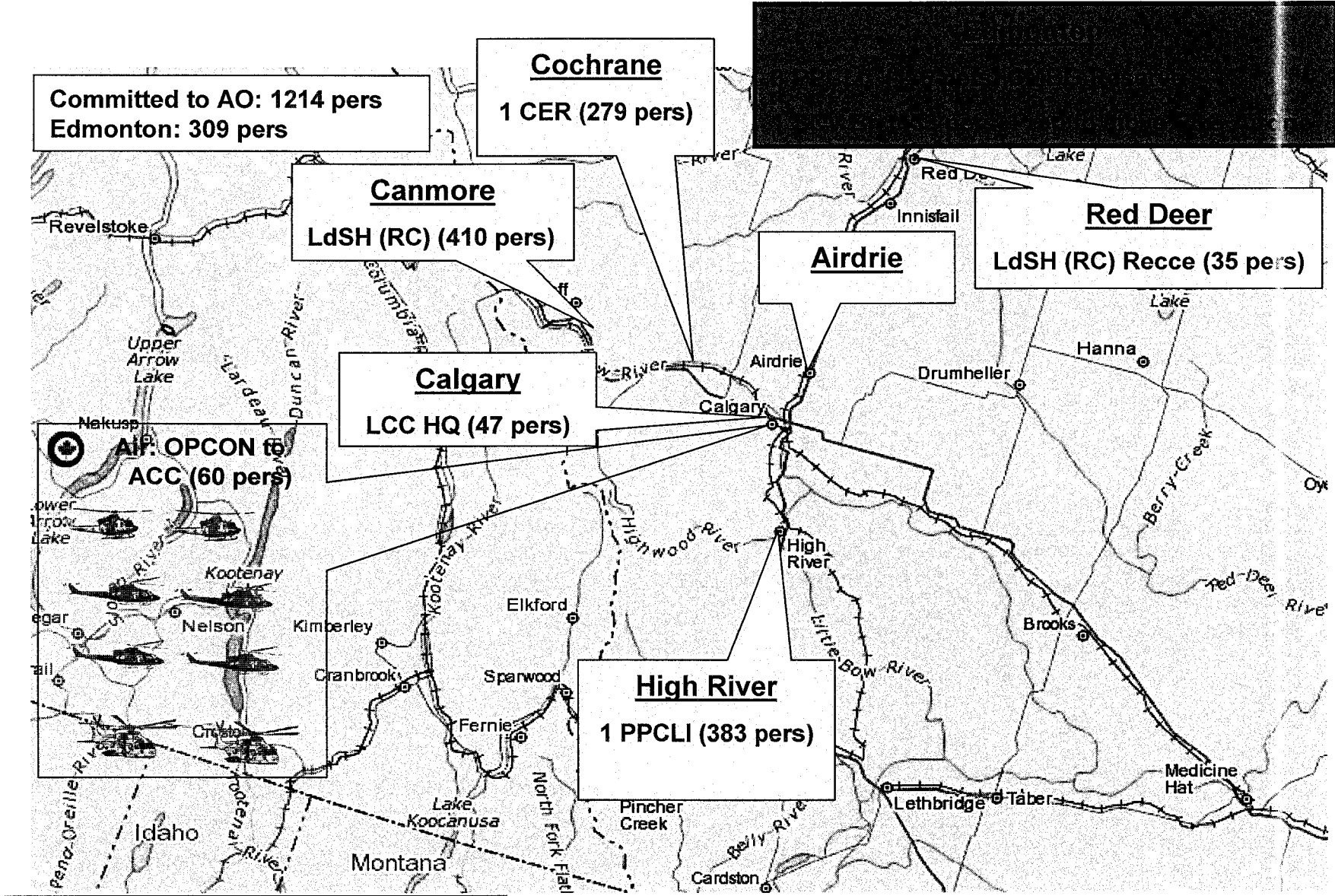
The have conducted a proactive evac of 10000 pers.
They are looking at the potential of moving the inmates at the Remand Center.
They have medical facilities operating on both sides of the river.

Next SITREP

CFICC will issue the next SITREP at 230630 EDT Jun.

UNCLASSIFIED

OP LENTUS 13-01 Dispositions



Based on JTFW CUB 220419Z Jun

UNCLASSIFIED

Commander



Commandant

Canadian Joint Operations Command
Commandement des opérations interarmées du Canada
Ottawa, Ontario, K1A 0K2

03350-OP LENTUS 13-01

22 June 2013

Distribution List

FRAG O 01 TO OP LENTUS 13-01

- References: A. E-mail 'National Bridging Request' from JTFW Acting J3 to CJOC J3, 22 Jun 13
B. E-mail 'Potential requirement for Maritime Resources' from JTFW Acting J3 to CJOC J3Cont, 22 Jun 13
C. CJOC OP Order – Op LENTUS 13-01, 21 Jun 13

SITUATION

1. General. At refs A and B, JTFW has identified operational requirements not within his Task Force.
2. Remainder no change from ref C.

MISSION

3. No change. CJOC will provide support to the Province of Alberta in response to relief efforts for flooding.

EXECUTION

3. Comd's Intent. No change.
4. CJOC Strategic Objectives. No change.
5. Tasks.
 - a. RCN. Detach OPCON to JTFW small boats with crews and ground transport for small boats from NAVRES Units within AB as required for use in flooded areas.

1/3



National
Défense

Défense
nationale

Canada

b. CA.

(1) Provide to JTFW MGB set x 1.

(2) Detach OPCON to JTFW:

(a) 2 x Capt PAOs.

(b) 1 x PA Media Ops.

(c) 1 x PA Plans.

c. ADM(PA). Detach OPCON to JTFW 2 x Combat Camera Imagery Techs.

6. Coordinating Instructions. No change.

SERVICE SUPPORT

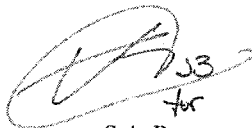
7. Movement. In order to effect the strategic movement of major equipment & materiel to the Area of Operations, Force Generators shall liaise direct with CJOC J4 Ops, who shall coordinate.

8. Remainder no change.

COMMAND

9. No change.

Le Lieutenant-général



S.A. Beare
Lieutenant-General

Distribution (next page)

Distribution List

Action

Comd RCN
Comd CA
Comd RCAF
Comd JTFW
ADM(PA)

Information

VCDS
DOS/SJS
ADM(Pol)
ADM(IM)
JAG
CMP
ADM(PA)
JFACC

Subject: CFICC Continental Daily SITREP 173/22 Jun 13
DL - 2 - Releasable to All Federal Departments and Agencies.

Sir,

This report covers CJOC Continental and regional activities in the last 24 hrs. There is no classified supplement.

1. **CCIR TRIPS:** There were no CCIR trips for CJOC Continental or US NORAD-NORTHCOM during the reporting period.

CF FORCE PROTECTION LEVEL: 5+

2. **OPERATIONS:** OP LENTUS 13-01 - 1214 CAF members deployed in the AOR. 2 x SAR CH149, 2 x SAR CH146 and 3 x utility CH146 deployed. See CV for detailed SITREPS

3. **REGIONAL:**

a. JTFA: SAR - JRCC Halifax tasked the Greenwood CH149 to assist with a person in the water near Covehead Bay, PEI. Prior to arriving on scene, the victim was picked up by a local FV and the helicopter was released - case closed.

b. JTFE: NSTR

c. JTFN: NSTR

d. JTFC: EOD - The Trenton EOD team deployed to Colborne, ON to retrieve an MLM and returned w/o incident -case closed

e. JTFW: SAR - ELT reported by high flyers through Edmonton ACC. JRCC Trenton tasked the 17 Wg CC130 along with CASARA Edmonton ground resource. Nothing found and ELT determined to be false alarm. Case closed.

f. JTFF: NSTR

4. **GOC ACTIVITIES:**

CURRENT: NSTR

UPCOMING: NSTR

5. **CONTINENTAL:** NSTR

6. **OTHER:** NSTR

END SITREP

V/R

Maj Ian Logan (RCAF)

Continental OWO | continent ODO

Canadian Forces Integrated Command Centre | Centre de Commandement Intégré des Forces Canadiennes

National Defence | Défense nationale

Ottawa, Canada K1A 0K2

Telephone | Téléphone 613-945-2702

Facsimile | Télécopieur 613-998-4447

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Email | Courriel ian.logan@forces.gc.ca

Government of Canada | Gouvernement du Canada



Commander

Commandant

Canadian Joint Operations Command
Commandement des opérations interarmées du Canada
Ottawa, Ontario, K1A 0K2

03350-OP LENTUS 13-01

23 June 2013

Distribution List

FRAG O 02 TO OP LENTUS 13-01

- References: A. JTFW OP LENTUS SITREP 15, 23 Jun 13
B. CJOC WNG O 01 – Possible Renforcement to Op LENTUS 13-01, 22 June 2013
C. CJOC OP Order – Op LENTUS 13-01, 21 Jun 13

SITUATION

1. General. Medicine Hat, AB is the next main population hub along the South Saskatchewan river. Local authorities have issued an evacuation order and are now in the midst of proactive preparation for arrival of flood waters. Local cresting expected within the next 24 hours. At ref A, Comd JTFW has identified operational requirements not within his Task Force.
2. Remainder no change.

MISSION

3. No change. CJOC will provide support to the Province of Alberta in response to relief efforts for flooding.

EXECUTION

4. Tasks.
 - a. CA.
 - (1) Transition the following to 24 hours NTM:
 - (a) 1 x ACROW Set – Suggested Source 39 CER.
 - (b) 1 x MGB Set (46 m) – Suggested Source SQFT.



- (c) 2 x Advanced Bridging Qualified SNCOs.
- b. RCAE.
 - (1) Detach OPCON to JTFW, 1 x ROWPU, including prime movers, applicable water supply stores and personnel to execute water production for 24/7 operations, to 24 hours NTM - Suggested Source 4 Wing.

7. Coordinating Instructions.

a. Timings.

- (1) NLT 2200Z 24 Jun 13: All to confirm status of assets to Comd CJOC (+CFICC Cont OWO@CJOC HQ@Ottawa-Hull, attention J Engr).

- b. Boundaries. JOA is defined as AB, from Red Deer to the southern border.

SERVICE SUPPORT

- 8. No change.

COMMAND

- 9. No change.

10. CJOC Points of Contact.

- a. J Engr Ops & Plans - LCol C.A. Braddon, 613-993-4950 (office) or 613-286-3358 (BB)
- b. J Engr Continental Ops - Maj D. Desveaux, 613-990-5226 (office) or 613-889-2029 (BB)
- c. CJOC J6 Continental Ops - LCol I.M. Denny, 613-945-2310 (office) or 613-608-4271 (BB)

Le Lieutenant-général



S.A. Beare
Lieutenant-General

Distribution (next page)

Distribution List

Action

Comd CA
Comd RCAF
Comd JTFW
Comd CFJOSG

Information

VCDS
DOS/SJS
ADM(Pol)
ADM(Mat)
Comd RCN
CMP
JAG
ADM(PA)
CDI
JFACC

OP LENTUS 13-01 – CAF SUPPORT TO DISASTER RELIEF IN ALBERTA

CFICC SITREP 008 – 230600EDT JUN

CURRENT SITUATION - 231000Z Jun 13

OP LENTUS supporting AB provincial authorities in the following tasks:

1. Recce of Affected Areas
2. Support to Evacuation efforts
3. Assistance to local authorities' planning

NEW TASKS SINCE LAST REPORT (222330Z Jun 13): NSTR (Commanders on the ground are continue liaison and assessment to refine the specific support to be provided.

FORCE DISPOSITION: Numbers fluctuate reporting 1500+ externally

UNIT	Personnel/Assets	Location	Actions Taken
JTFW HQ FWD	50	Edmonton	HQ at FOC
LCC HQ	90	Calgary (HMCS Tecumseh)	ESTAB LCC
IRU - LdSH (RC)	416	Canmore	Liaison, Assist in Evac
1 PPCLI	269	High River	Sp to Local Authority
1 CER	279	Cochrane	Road conditions check with in AO
LdSH (RC) Recce	55	Red Deer	Hold (1 HR NTM)
1 Svc Bn	132	Edmonton	FSG (Airdrie)
41 TBG	415	Currie Barracks	DAG and Mounted at Calgary. 100% veh / eqpt state
3 PPCLI	162	Edmonton	1 CMBG Reserve. Committed to support Medicine Hat
408 Sqn	1xGriffon	Edmonton	On Station
417 Sqn	2 x SAR Griffon	Calgary Int Airport	On Stby
408 Sqn	3xGriffon	Calgary Int Airport	On Stby. 1 x Griffon U/S. Awaiting parts
442 Sqn	2xCormorant	Calgary Int Airport	On Stby

Force Preparing:

Unit	Personnel/Assets	Location	Status
38 & 39 TBG	Unknwn	24hrs NTM	Staff Checks in progress
HMCS Tecumseh	6 Pers 1xRHIB, 1xZodiac, 1xHurricane, 1x9 Pax Van, 1x1 Ton	On Call	Tasked by CJOC to provide small boat support

Warned:

Unit	Personnel/Assets	Location	Status
HMCS Nonsuch	2 Pers 1xZodiac, 1x9 Pax Van	On Call	On order of Nav Res HQ

CHANGES SINCE LAST REPORT (222330Z Jun 13): Planning and deployment to support local authorities in Medicine Hat.

OPERATIONS SUMMARY

- A. JTFW HQ Fwd planning continues with consideration of unique capabilities such as power, bridging, and water production.
- B. CP140 ISR mission completed
- C. Coord evac of special needs pers from WILLIAM WALTON LODGE (WWL). 46 pers evac'd. This operation involved 36 soldiers, 2 x GRIFFON, 1 x CORMORANT. This event rec'd significant CA PRESS coverage - PAO was in place.
- D. 1 x CH146 U/S in Calgary (awaiting parts)
- E. 3 PPCLI is complete in Medicine Hat. Operations to assist with sandbagging and berming have begun.
- F. 1 PPCLI providing mobile support to RCMP who are conducting house to house notifications in High River.
- G. LCC HQ received word that the Crowfoot Ferry was in danger of breaking free of its mooring lines, and potentially releasing down river to BASSANO Dam. Elements from the 1 CER IRU were quickly dispatched to conduct an assessment of the scene, including a recce party, dive team, 1 CER Dive Boats,

and elements NAVRES from HMCS TECUMSEH . Currently, lead elements are en route the the the ferry, and will assess what measures to take once on the ground.

G. CJOC Frag O 01 issued

H. Working with local authorities and gaining better understanding of situation and concerns and priorities of prov and local authorities

I. Conducted reces to scope anticipated tasks, state of infrastructure with a view to anticipate requirements

OPERATIONS OUTLOOK

A. Anticipate continuance of current tasks

B. Calgary situation has stabilized with reduced SAR requirement but in demand for utility helicopter use. Comd JTFW wants to retain some SAR coverage for Medicine Hat but supports drawdown. Decision on 2 x CH149 Cormorant release will occur today with reassessment on 24 Jun for follow-on release of 2 x SAR CH146 Griffons.

D. Expect cresting at Medicine Hat within 15 hours. Given that this location has had warning, it has been possible to conduct pro-active evac of approx 10,000 residents. Deployment of 3 PPCLI will be to the area to assist with mitigation measures. Use of Hesco Bastion has been requested by JTFW to support mitigation works in Medicine Hat.

ASSESSMENT AND INTENTIONS

A. Assessment by the LCC Commander is that in the next 24 hours, we will have a much better sense of the ongoing requirement for our support to Sector West, Sector Central, and a more defined assessment of troops to task in Sector East. He envisage an economy of force mission in the West developing, a reconstituted BG sized reserve in Edmonton, and a reduced presence in the Center, all within the next 48 hours. This will allow our forces to prepare for potential follow on tasks if required, and set the conditions for the success of Op LENTUS.

B. Biggest near term concern remains the cresting at Medicine Hat and Drumheller. JTFW is monitoring Medicine Hat with AEMA. Expect to require Cormorants until this occurs. Will reassess today.

B. Assessment is that flood risks in Saskatchewan and BC are within provincial capability and do not expect RFA.

C. Depending on the duration of high water levels and evacuations, displaced persons/populations are likely to require support in terms of water, shelter etc. Unique CAF capabilities such as Reverse Osmosis Water Production Units (ROWPU) and operators, Medium Girder Bridge (MGB) other engineering specialists such as Electrical Generation Technicians may be required to assist in restoration of critical infrastructure.

D. CJOC checking on availability and location of possible enablers (WG O issued)

E. Comd JTFW intends linking up with the deputy premier today to discuss the criteria which would lead to determination that CAF assistance no longer required.

Developments/Notable Events (NSTR)

Casualties: NSTR

Calgary:

-75000 pers displaced. Currently 8 reception centers are open. Three are filled but five still have space available. Many pers are staying with friends, etc rather than at the centers.

-The Elbow and Bow Rivers have peaked. More peaks to follow but none as severe as what has already occurred.

-Bldgs in the downtown core not expected to be occupied until mid week at earliest.

High River:

A planning team (AEMA, GoA, etc) is in location and working on future plans.

Canmore:

Authorities are asking residents to conserve water. Work on a re-entry plan continues with an eye to potentially start allowing residents home later today. Engineering crews are currently reviewing and prioritizing projects and assigning resources with project managers. A structural engineer completed preliminary home inspections of the creek side homes on the west bank. Inspections will continue on the east bank later today

Kananaskis:

Evacuation of 120 pers with Troop Carrying Vehicles from KANANASKIS Village. A Reconnaissance flight with Alberta Transportation is scheduled for today to assess roads, determine accessibility to areas of the park, and develop plans on possible repairs

Lethbridge:

Cancelled their SOLE (State Of Local Emergency). They are looking to sp other communities. Situation assessed as improving.

Medicine Hat:

They have conducted a proactive evac of 10000 pers.

They are looking at the potential of moving the inmates at the Remand Center.

They have medical facilities operating on both sides of the river.

Precipitation is forecast through central Saskatchewan this weekend as the weather system from Alberta passes, with another 50-75 mm expected in the

southeast. The weather will persist next week, with another 30-50 mm expected across the central part of the province. No requests for federal assistance are anticipated from Saskatchewan.

CFICC will issue the next SITREP at 231200 EDT Jun.

CURRENT SITUATION - 231600Z Jun 13

OP LENTUS supporting AB provincial authorities in the following tasks:

1. Recce of Affected Areas
2. Support to Evacuation efforts
3. Assistance to local authorities

FORCE DISPOSITION: 2000+ CAF personnel are currently with the Joint Operations Area (JOA) which is defined as Alberta south of Red Deer.

2237 CAF personnel are now involved in Op LENTUS

LCC - 1910 personnel
ACC - 107 personnel
MCC - 12 personnel
ASG - 148 personnel
JTFW - 60 personnel

OPERATIONS SUMMARY

A. SECTOR WEST/CANMORE - LdSH(RC)IRU

Last 24 included coord of avn sp to evac 30 x special needs individuals from WILLIAM WATSON LODGE (IVO PG 326 137) to FWD EMO at PG 320 432. The operation grew slightly to evac the caregivers, and ended up being almost 130 civilians and a dozen pets. The remainder of persons cut off in the same vicinity should be able to move out by ground, as Hwy 40 should be repaired today. A recce was conducted to a TRANSALTA power plant near BANFF which was swamped by water released by MINNEWANKA DAM. Civilian authorities have control, no RFA expected. Rifle Coy soldiers carried on with movement of parts and supplies to CANMORE Hospital, and with manning of information posts.

Next 24 should see reduction of future tasks and possible retasking of subunits.

B. SECTOR CENTRAL/HIGH RIVER - 1 PPCLI

Last 24 carried out mobility support to local officials and route recce tasks in flooded areas of town.

Next 24 expect tasks to dwindle as the city reestablishes itself

C. SECTOR EAST/MEDICINE HAT

3 PPCLI - Last 24 included the deployment and regrouping of forces, and the beginning of sandbagging tasks

Next 24 likely to include movement of sandbags, sandbagging of positions, movement of HESCO and assistance with positioning and filling.

Recce Sqn LdSH and A Coy 3 VP have launched to reinforce 3 VP tasking in MED HAT and both units will be on the road this morning.

CH146 Griffons

4 x CH146 Griffon currently in Medicine Hat - 2 are SAR capable

FSG

Last 24 performed routine sustainment.

Next 24 will include movement of HESCO fm EDMONTON to MEDICINE HAT.

Movement of Zettlemeier Loader from EDMONTON to MEDICINE HAT. Move of Unit Biv from Plainsmen Arena AIRDRIE to field location at 925 Veteran's Blvd NE off Hwy 567, AIRDRIE.

D. SECTOR CALGARY

41 TB

Last 24 included moving Fire Dept pers around flooded neighbourhoods. Conducting recce of possible hvy eqpt task to assist city with road repair at Anderson Trail power sub station.

Next 24 will likely include downtown route recce in boats, bridge abutment recce, boat ops in INGLEWOOD.

ACC

2 X SAR CH149 Cormorant and 2 x CH146 Griffon remain in Calgary. 1 x CH 136 Griffon is in Edmonton.

E. ENGINEER RESOURCES/COCHRANE - 1 CER

Last 24 included road remediation of Hwy 40 in KANANASKIS, route recce of Hwy 1 and 1a IVO COCHRANE and CANMORE. Assistance in HIGH RIVER moving officials throughout flooded streets. 13 Fd Sqn moved to MEDECINE HAT to prepare for operations there. RHQ carried out a recce of the CROWFOOT ferry which broke one of its hawsers.

Next 24. Operations in MEDECINE HAT to fill HESCO. Movement of integral and attached dump trucks, ZL loaders and other loaders/backhoes to MEDECINE HAT. Sp to mobility in HIGH RIVER. Surveillance of ferry at CROWFOOT Ferry.

OPERATIONS OUTLOOK

- A. Anticipate continuance of current tasks
- B. Calgary situation has stabilized with reduced SAR requirement but in demand for utility helicopter use. Intention is to release 1 x CH149 Cormorant. The release of the second CH149 will continue to be evaluated.
- C. Expect cresting at Medicine Hat sometime tomorrow.

ASSESSMENT AND INTENTIONS

A. SECTOR WEST/CANMORE - LdSH(RC)IRU

The local authorities in Kananaskis and Canmore are now into the stage of re-entry and remediation, less the evacuation in WWL and South, which will now be managed by municipal and provincial assets. CO LdSH assesses that there are no longer any tasks for his personnel. The Calgary Stampede Breakfast Committee is laying on a Stampede Breakfast for his BG tomorrow morning. He will continue to liaise with authorities in both regions, but it is unlikely that there will be any further tasks from CANMORE or KANANASKIS. The LCC Comd assesses that he may be able to thin out or reassign the bulk of the BG in the next 24 hours, whether it be to Edmonton to reconstitute his Reserve, or to other tasks further East.

B. SECTOR CENTRAL/HIGH RIVER - 1 PPCLI

Of some concern is that there remains a sizeable citizen footprint in the town. These pers who did not evac, are remaining in place but police are blocking return of other citizens from outside town. This is causing some tension amongst the populace and with the City staff, both of whom who are less inclined to wait while the RCMP completes its very methodical sweep of the town. The BG continues to politely refuse requests from the RCMP to conduct security patrols and to assist with traffic control. As a result of a SofM that sees comprehensive clearance be conducted before any re-entry and remediation is started, there are few tasks for the BG beyond the coy assisting in the comprehensive clearance. The LCC Comd assesses he may be able to thin out or reassign at least one coy within the next 24 hours.

C. SECTOR EAST/MEDICINE HAT**3 PPCLI**

CO 3 PPCLI has lent much assistance and energy. The release of 1500m of HESCO and its onward movement was important. The movement of 3000m³ of fill for the HESCO is vital to the efforts to protect the Flats, the low lying subdivision on the south bank. It is not known if MEDECINE HAT will be able to organize the purchase of fill and move it into location in time.

FSG

Next 24 will include movement of HESCO fm EDMONTON to MEDICINE HAT.
Movement of Zettlemeyer Loader from EDMONTON to MEDICINE HAT. Move of Unit Biv from Plainsmen Arena AIRDRIE to field location at 925 Veteran's Blvd NE off Hwy 567, AIRDRIE

D. SECTOR CALGARY - 41 TB

CEMA is very well organised and resourced. We will continue to help where we can. I intend to leave the TBG in location as long as there are viable tasks for them to complete.

E. ENGINEER RESOURCES/COCHRANE - 1 CER

As is to be expected, there are an abundance of tasks for the engineers. As Coy and BG elms no longer require their Engineer assets, they will be reassigned to support the main effort. LCC Comd is considering using the Regimental HQ as a C2 node that will allow him to conduct an economy of force mission in Sector West.

Developments/Notable Events

Canmore: Work on a re-entry plan continues. Engineering crews are currently reviewing and prioritizing projects and assigning resources with project managers. As of 1800 hrs 22 June AHS has issued a Boil Water Notice for the entire Town of Canmore. One of the water treatment facilities has failed. Several bulk water haulers are being brought into town and will be placed strategically around town. EPCOR is looking for one or two more water trucks. Duration of the boil order is unknown. This is not an issue for the hospital as they have a large of bulk and bottled water on hand. AHS in sending in a water truck from Calgary for the use of the hospital.

Calgary: The City of Calgary has requested assistance from the POC in sourcing 20 Fire Safety Code Officers and 20 Building Safety Code Officers. Some infrastructure concerns are; the LRT bridge over Elbow River (next to Macleod) structure is still there, but the approach washed out with rails hanging, Macleod Trail Southbound over Elbow is structurally compromised and there is no access, Macleod Trail Northbound over Elbow to be visually inspected in daylight Sunday, Douglasdale and Deerfoot Trail berm is failing. This berm protects substation providing power to south Calgary, including hospital. Media reports are indicating officials believe the power to the downtown core could be impacted for the majority of the week, possibly into next week. All schools cancelled for Monday June 24.

Sundre: The Town of Sundre continues into Recovery. AEMA Field Officer has supplied the town with the DRP application.

High River: 80 per cent of the town is without power/basic services. A planning team consisting of staff from AEMA, ESRD, Health, Transportation, and Public Affairs Bureau are in High River to assist planning for support to evacuees, re-entry and interim housing. Water treatment plant is still operational, but boil water advisory maybe issued. Waste water treatment facility is currently down. Major Event Support Apparatus (MESA) from AEMA has been deployed to support High River with communications and incident management support. Task Forces of RCMP, Fire, Military, and utilities will be going door to door throughout the municipality to check for residents, pets, preliminary damage, how many basements are flooded, etc. Expect this will take days. ESRD piping to accompany the pumps shipped to High River are en route. The Deputy Director of Emergency Management for High River is in favour of bringing in incident support staff from other municipalities. POC Operations section will work through AEMA Field Officers to determine which municipalities may be able to supply support staff.

POC Operations is prepared to offer same support to other communities (Canmore, Kananaskis, Calgary, etc.), AEMA team will look to help High River focus on longer term resumption, and shift focus from rescue to recovery. Request has been made to POC logistics to supply radios (however, we have conflicting emails about whether this is necessary). One possible option is radios and a portable tower that the Alberta First Responder Radio Communication System (AFRRCS) has. Re-entry packages that were used in Slave Lake have been requested to provide to residents, as an example for the community.

Medicine Hat: Municipality has declared a SOLE to prepare as much as possible for coming floodwaters. River to peak at 5,100 – 6,000 cubic meters by early Monday. Water levels likely to be worse than 2010 floods. However, a number of measures have been taken since then to mitigate infrastructure damage. Medicine Hat has planned on evacuating approximately 10,000 residents and 3,800 homes in advance. All inmates from Remand Centre have been transferred to Calgary and Lethbridge

Black Diamond: Telus and Supernet staff on scene working with Fortis to restore power, phone and Internet. The river in the Highway 22 area has cut a new channel and continues to cut away in its new "bed". There is a concern with the potential undermining of the soils in the area of a FasGas station with two 61,000L horizontal above ground tanks. A portion of the bridge between Black Diamond/Turner Valley bridge on highway 22 is now gone. 911 calls are now being received through Black Diamond dispatch.

Municipality of Crowsnest Pass: Crowsnest Pass SOLE will be terminated by 1300 hrs on 23 June 2013. CP Rail to run a train through the area on June 23 @ 0300hrs. Structural bridge engineer has evaluated bridge damage.

Crowfoot Ferry: Crowfoot Ferry was in danger of breaking loose from its mooring cables overnight and concern was that it could strike the Bassano Dam if it drifted 14kms downstream. DND Land Forces and their Dive Boat team are on scene and feel the anchor systems in place are sufficient to hold the ferry in place. They will remain on site overnight and recheck the situation under better light conditions.

MD of Willow Creek: The MD of Willow Creek has shut down their EOC and operations on Friday evening.

Drumheller: Red Deer River expected to crest at midnight on Sunday. 80 per cent of homes are at flood risk. Fire Department is looking for volunteers. Alberta Health is preparing for the possibility of Drumheller Hospital being evacuated. Corrections staff to assist Peace Officers with security in evacuated areas. Water supply is safe and manhole covers have been capped.

Devon: Devon EOC activated as a precautionary measure in light of a flood watch. As of yet, no issues have been reported. In the North Saskatchewan River Basin, a Flood Watch remains in effect for the Clearwater River, North Saskatchewan River at the Town of Devon and the City of Edmonton and Nordegg River.

Vulcan: The Town of Vulcan has not declared a State of Local Emergency. The Town continues to operate at increased readiness using its Emergency Operations Center and resources in support of the State of Local Emergency declared by Vulcan County and neighboring communities. Town operations continue normal. The Town evacuation Center continues 24/7 operations in the Community Resource Center (CRC) with 270 persons registered. Vulcan has been resupplied by donations. There is a steady demand for food and clothing. Donated supplies are meeting current requirements. The Red Cross has delivered 50 cots. They have been prepared for use in the evacuation center. Vulcan Medical Center received patients from High River and is operating at capacity.

Banff: Power has been restored to the town site of Banff and Lake Louise after a five hour interruption.

The Government of Alberta has activated the Business Continuity Plan. Business Continuity Officers (BCOs) have been advised and the Cross-Government Coordination Team (CGCT) have met to review potential impacts as a result of the flood conditions. BCOs have been asked to review and assess potential impacts and report back to AEMA. Three Departments and AER have activated their Business Continuity Plans. There are possible IT impacts due to water damage/power outages, in the following buildings; Shaw Court Center, has no impacts and can withstand flooding for the first two floors without impacting services. HP Datacenter, provides land titles, motor vehicles and registry services impacted. Albertans, as well as some GoA ministries, will not be able to access these services if this datacenter is off-line. John J Bowlen Building, which is a Datacenter for GoA. Potential impact to Correctional Centre in Medicine Hat if drinking water is compromised.

CFICC will issue the next SITREP at 231530 EDT Jun.

From: Doucette Maj CL@CJOC HQ@Ottawa-Hull on behalf of +CFICC Cont
OWO@CJOC HQ@Ottawa-Hull
Sent: Sunday, 23, June, 2013 06:19
Subject: CFICC Continental Daily SITREP 174/23 Jun 13

DL - 2 - Releasable to All Federal Departments and Agencies.

Sir,

This report covers CJOC Continental and regional activities in the last 24 hrs. There is no classified supplement.

1. **CCIR TRIPS:** There were no CCIR trips for CJOC Continental or US NORAD-NORTHCOM during the reporting period.

CF FORCE PROTECTION LEVEL: 5+

2. OPERATIONS:

OP LENTUS 13-01: A total of 1769 CAF members deployed in the AOR with 162 further on order to move. 2 x SAR CH149, 2 x SAR CH146 and 3 x utility CH146 deployed. See CV for detailed SITREPS.

OP TRANSIT SKIES - The Russian Federation TU-154M arrived in Trenton at 2145Z :

3. REGIONAL:

a. JTFA: EOD - The FDU(A) EOD team recovered 1 x MLM from Ketch Harbour, NS and returned w/o incident - case closed.

b. JTFE: NSTR

c. JTFN: NSTR

d. JTFC: NSTR

e. JTFW: NSTR

f. JTFP: EOD - i) The FDU(P) EOD team recovered 1 x MLM from Mayne Island, BC and 1 x MLM from the CFB Esquimalt C&PO's Mess and returned w/o incident - case closed. ii) The Comox EOD team recovered 1 x MLM from Campbell River, BC and returned w/o incident - case closed

4. GOC ACTIVITIES:

CURRENT: NSTR

UPCOMING: NSTR

5. CONTINENTAL: NSTR

6. OTHER: NSTR

END SITREP

V/R

Maj Ian Logan (RCAF)
Continental OWO | continent ODO
Canadian Forces Integrated Command Centre | Centre de Commandement Intégré des Forces
Canadiennes
National Defence | Défense nationale

Ottawa, Canada K1A 0K2
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Government of Canada | Gouvernement du Canada

OP LENTUS 13-01 - CAF SUPPORT TO DISASTER RELIEF IN ALBERTA

CFICC SITREP 012 - 240600EDT JUN

CURRENT SITUATION - 231930EDT Jun 13

OP LENTUS supporting AB provincial authorities in the following tasks:

1. Recce of Affected Areas
2. Support to Evacuation efforts
3. Assistance to local authorities

NEW TASKS SINCE LAST REPORT (231530EDT Jun 13): No change.

FORCE DISPOSITION:

2000+ CAF personnel are currently within the Joint Operations Area (JOA) which is defined as Alberta south of Red Deer.

2237 CAF personnel are now involved in Op LENTUS

LCC - 1910 personnel
ACC - 107 personnel
RMCE - 12 personnel
ASG - 148 personnel
JTFW - 60 personnel

CHANGES SINCE LAST REPORT (231530EDT Jun 13): NSTR

OPERATIONS SUMMARY

- A. Single Planning Officer established as LNO to Provincial Planning Team
- B. CP140 ISR mission imagery distributed to provincial authorities.

Sector West - Canmore

- C. Assisted in extractions and evacuations using Griffon and Cormorant Helicopters.
- D. Assisted in clearing of Hwy 1, 1A and 40
- E. Provided support to pumping of water and mobility for essential services personnel.

Sector Calgary

- F. Assisted authorities in sandbagging and protection of critical infrastructure.

Sector Central - High River

- G. Provided mobility support to provincial authorities and essential services

Sector East – Medicine Hat

- H. Continued to shore up flood defences, focus on sandbagging/barrier construction to protect low lying areas.
- I. Provided mobility support

OPERATIONS OUTLOOK

- A. Expect support request to diminish in vicinity of Calgary
- B. Anticipate complete evacuation of Kananaskis corridor
- C. Anticipate continued operations in Canmore and High River
- D. Continue further preventative action and preposition so as to be responsive as situation develops
- E. Release 1 x CH149 Cormorant to return to Comox 241600Z Jun.

ASSESSMENT AND INTENTIONS

Continue assessment and prioritization with provincial authorities.

- A. Currently at 2200+ CAF personnel in the JOA, do not expect any further TF generation unless situation takes a radical turn.
 - B. Assess CAF resources in JTF(W) AO currently adequate to address demand. Have placed selected capabilities outside AO at 24 Hrs NTM.
 - C. As water recedes in some sectors, anticipate reduction in demand and opportunity to either reallocate resources within AO and/or draw down to a lower readiness state.
 - D. Expect maintaining relatively high activity levels until 26 June, adjusting weight of effect as required by situation or as requested by province.
-
-











































Developments/Notable Events

- 65000 residents of Calgary are being allowed to return to their homes
-
- Medicine Hat: Transport reports that the Trans Canada Hwy into MH will be closed sometime today (when safety dictates) but an alternate route to the West will be opened. Most bridges within MH are closed except for emergency vehicle travel. The city has been divided into two (opposing sides of the River) with an EOC to be opened on either side. Open sources report that residents have until midnight to cross river.
- Water supplies, showers and pumps have been sourced to the Siksika First Nations. Originally they were considering a request for DND resources but this has been dealt with via civilian contracts.
- The RCMP reports that the door to door checks in High River are ongoing. They were unable to provide status as to what percentage of the town remains to be checked at this time.

CFICC will issue the next SITREP at 240600 EDT Jun.

Military Criteria for Transition

23 June 2013

	Criteria for Success and Mission Completion	Staff	Canmore	Kananaskis	High River	Calgary	Medicine Hat	Overall
1	River water levels and flow rates reducing.	J2						
2	No further danger to civilians (life and limb) and evacuations not required.	BP						
3	Provincial authorities have initiated reintegration of civilians phase.	J3						
4	Danger to essential infrastructure, dikes and routes mitigated.	Engr						
5	Emergency organizations have capability and capacity to sustain relief operations.	J3						
6	Unique CF capabilities no longer required.	J3						
7	Provincial authorities have commenced consequence management.	J3						



All conditions met.



Conditions progressing.



No conditions met.

Effective: 231700L June 2013

A-2013-01163-0063

OP LENTUS 13-01 - CAF SUPPORT TO DISASTER RELIEF IN ALBERTA

CFICC SITREP 012 - 240600EDT JUN

CURRENT SITUATION - 240600EDT Jun 13

OP LENTUS supporting AB provincial authorities in the following tasks:

1. Recce of Affected Areas
2. Support to Evacuation efforts
3. Assistance to local authorities

NEW TASKS SINCE LAST REPORT (231930EDT Jun 13): No change.

FORCE DISPOSITION:

2000+ CAF personnel are currently within the Joint Operations Area (JOA) which is defined as Alberta south of Red Deer.

2245 CAF personnel are now involved in Op LENTUS

LCC - 1918 personnel
ACC - 102 personnel
RMCE - 17 personnel
ASG - 148 personnel
JTFW - 60 personnel

Comd JTFW has directed that 41 TBG be released OPCOM 41 CBG, and released from Operations as of 241800 Jun 13. They will return to their normal readiness posture of 72 hrs.

38 & 39 CBG will be returned to normal readiness posture (72hrs) as of 241800 Jun 13.

1 x CH149 Cormorant released

CHANGES SINCE LAST REPORT (231930EDT Jun 13): NSTR

OPERATIONS SUMMARY

Sector West - Canmore

- A. Assisted in extractions and evacuations using Griffon and Cormorant Helicopters.
- B. Medium Girder Bridge (MGB) set and Reverse Osmosis Water Purification Unit (ROWPU) currently prepositioned in Cochrane.

Sector Calgary

- C. Support to local authorities with evacuee re-entry planning.

Sector Central – High River

- D. LOs established with all major elements of emergency services.
- E. Provided mobility support and search and rescue assistance to provincial authorities and essential services.

Sector East – Medicine Hat

- F. Continued to shore up flood defences, focus on sandbagging/barrier construction to protect low lying areas.
- G. Provided mobility support

OPERATIONS OUTLOOK

- A. Expect support request to diminish in vicinity of Calgary
- B. Anticipate complete evacuation of Kananaskis corridor
- C. Continue further preventative action and preposition so as to be responsive as situation develops
- D. Provide assistance to local authorities in the preparation of re-entry of evacuees into Sectors WEST and CENTRAL

ASSESSMENT AND INTENTIONS

Continue assessment and prioritization with provincial authorities.

- A. Currently at 2200+ CAF personnel in the JOA. As situation stabilizes expect redistribution of resources to continue to meet provincial requirements.
- B. Current situation has allowed transition from Rescue to Consequence Management. This should set the conditions for the initiation of the drawdown of CAF (less unique – power, water bridging capabilities) within the next 24-48 hours.
- C. Planning and preparation for delivery of CAF unique capabilities – Water, Power and Bridging.
- D. Comd JTFW will retain SAR coverage in Medicine Hat and will reassess requirement today. Anticipate release of remaining CH149 Cormorant.
- E. Flooding of low lying areas in Medicine Hat occurring. Areas that have been reinforced remain dry and expectations are positive.

Public Affairs

1. Last evening in High River, Comd JTFW, BGen Juneau participated in a joint a news conference with Alberta's Municipal Affairs Minister Doug Griffiths. Media were taken inside the security perimeter in order to observe the damage and reassure High River population unable to return to the area. According to Alberta's Municipal Affairs Minister Doug Griffiths, High River has been the hardest high area south of Calgary.

2. Yesterday we saw an increase in national and international interest and positive media coverage. Special requests for embedding with our troops, ground and air transport and even assistance to a documentary team were received and processed by CJOC PA and JTFW PAOs.

Developments/Notable Events

- Medicine Hat: The Trans Canada bridge remains open with water cresting a few feet from the bottom of the bridge. Other bridges remain useable and open to emergency vehicles.
- The RCMP reports that the door to door checks in High River are ongoing. They were unable to provide status as to what percentage of the town remains to be checked at this time.
- Saskatchewan Update: Cumberland House evacuation continues. Gardner Dam is releasing water to make room in Diefenbaker Lake, the peak is expected around the middle of the week. Very little infrastructure expected to be affected by upcoming runoff. No RFA anticipated at this time.

CFICC will issue the next SITREP at 241200 EDT Jun.

s.15(1)

s.19(1)

From: Doucette Maj CL@CJOC HQ@Ottawa-Hull on behalf of +CFICC Cont
OWO@CJOC HQ@Ottawa-Hull
Sent: Monday, 24, June, 2013 06:59
Subject: CJOC Continental Daily SITREP 175/24 Jun 13

DL - 2 - Releasable to All Federal Departments and Agencies.

Sir,

This report covers CJOC Continental and regional activities in the last 24 hrs. There is no classified supplement.

1. **CCIR TRIPS:** There were no CCIR trips for CJOC Continental or US NORAD-NORTHCOM during the reporting period.

CF FORCE PROTECTION LEVEL: 5+

2. OPERATIONS:

OP LENTUS 13-01: See the Op Lentus 13-01 SITREP for latest information; details are also available on Command View.

OP TRANSIT SKIES: Russian Federation TU-154M arrived in Trenton

Op PASSIVE SKIES: US OC135 is scheduled to arrive in Trenton today around 1800z for a Joint Training Flight, which includes training flights over Canada for both US and Canadian training.

3. REGIONAL:

a. JTFA: FDU(A) EOD tasked to retrieve 1 x MLM from Quaker Island, NS. Team will retrieve MLM on 25 Jun 13. Case ongoing.

b. JTFE: NSTR

c. JTFN: NSTR

d. JTFC: i.SAR: Missing Person. OPP requested helo assistance to look for _____ in the area of Sharbot Lake (70nm NE of Trenton). 8 Wg CH146 was tasked. The CH146 RTB'd due to fuel and the person was found shortly after. Case closed. ii. EOD - Trenton EOD tasked to retrieve a piece of a bomb from Sandbank, ON. Team returned without incident. Case closed.

e. JTFW: NSTR

f. JTFP: NSTR

4. GOC ACTIVITIES:

CURRENT: The Government Operations Centre (GOC) will host an interdepartmental working level meeting regarding the ongoing floods in the Prairies, at the GOC located from 10:00 to 12:00 EDT. The aim of the meeting will be to discuss the impacts to critical infrastructure and federal assets and to seek your input on the flooding situation in the Prairies. Please note there will be a DG Event Response Committee level call the afternoon of 24 Jun.

UPCOMING: NSTR

5. **CONTINENTAL:** Moderate impacts to HF/satellite communications and satellite operations are forecast for the next 24 hours.

6. **OTHER:** NSTR

END SITREP

V/R

Blair S. Tuttle
Captain | capitaine
Continental OWO | continent ODO
Canadian Joint Operations Command | Commandement des opérations interarmées du Canada
National Defence | Défense nationale
Ottawa, Canada K1A 0K2
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Teletypewriter (National Defence) | Téléimprimeur (Défense nationale) 1-800-467-9877
Email | blair.tuttle@forces.gc.ca
Government of Canada | Gouvernement du Canada

OP LENTUS 13-01 - CAF SUPPORT TO DISASTER RELIEF IN ALBERTA

CFICC SITREP 013 - 241200EDT JUN

CURRENT SITUATION - 241800EDT Jun 13

OP LENTUS supporting AB provincial authorities in the following tasks:

1. Recce of Affected Areas
2. Support to Evacuation efforts
3. Assistance to local authorities

NEW TASKS SINCE LAST REPORT (241000EDT Jun 13): No change.

FORCE DISPOSITION:

2000+ CAF personnel are currently within the Joint Operations Area (JOA) which is defined as Alberta south of Red Deer.

2320 CAF personnel are now involved in Op LENTUS

LCC - 1993 personnel
ACC - 102 personnel
RMCE - 17 personnel
ASG - 148 personnel
JTFW - 60 personnel

Comd JTFW has directed that 41 TBG be released OPCOM 41 CBG, and released from Operations as of 241800 Jun 13. They will return to their normal readiness posture of 72 hrs.

38 & 39 CBG will be returned to normal readiness posture (72hrs) as of 241800 Jun 13.

CHANGES SINCE LAST REPORT (240600EDT Jun 13): NSTR

OPERATIONS SUMMARY

Sector West - Canmore

- A. Assisted in ground evacuations from the Mt. Kidd RV park. A Coy PPCLI conducted road move to MEDICINE HAT.
- B. Engineers carried out removal of debris from several culverts and bridges, and conduct of recces of debris at SEEBE DAM. There was also ongoing remediation work on Hwy 1 and Hwy 1a.

Sector Calgary

C. Conducted heavy equipment work at Douglasdale power station, to install culverts and shore up berms. Patrols carried out route and bridge reces in the downtown area. 2 x DRCs carried out manning of information posts in areas where residents were returning. Signallers assisted CEMA call center, who was overwhelmed with calls from residents. At 24 1800 Jun 13, 41 TBG will be stood down to normal posture (72 hrs NTM).

Sector Central – High River

D. Carried out mobility support to local officials and route recce tasks in flooded areas of town. Engrs assisted with possible overbridging ideas for the Centre St Bridge.

E. Next 24 expect tasks to dwindle as the city reestablishes itself.

Sector East – Medicine Hat

F. Conducted sandbagging, and construction of 2.2 km of berms with HESCO

G. Provided assistance in HIGH RIVER moving officials throughout flooded streets.

OPERATIONS OUTLOOK

A. Expect support request to diminish in vicinity of Calgary

B. Anticipate complete evacuation of Kananaskis corridor

C. Continue further preventative action and preposition so as to be responsive as situation develops

D. Provide assistance to local authorities in the preparation of re-entry of evacuees into Sectors WEST and CENTRAL

ASSESSMENT AND INTENTIONS

Except for Medicine Hat, the situation and water levels will allow for the transition from rescue and evacuation operations to the consequence management phase. This should set the conditions for the initiation of the drawdown of Forces (SAR assets, troops) within the next 24-48 hrs. Unique CAF and consequence management capabilities (Bridging, Water, Power Generation) will stay in the fight for the time being. Close coord with the Provincial authorities will allow for agreement and synchronization of messaging WRT disengagement of troops.

Continue assessment and prioritization with provincial authorities.

A. Currently at 2200+ CAF personnel in the JOA. As situation stabilizes expect redistribution of resources to continue to meet provincial requirements.

B. Current situation has allowed transition from Rescue to Consequence Management. This should set the conditions for the initiation of the drawdown of CAF (less unique – power, water bridging capabilities) within the next 24-48 hours.

C. Planning and preparation for delivery of CAF unique capabilities – Water, Power and Bridging.

- D. Comd JTFW will retain SAR coverage in Medicine Hat and will reassess requirement today. Anticipate release of remaining CH149 Cormorant.
 - E. Flooding of low lying areas in Medicine Hat occurring. Areas that have been reinforced remain dry and expectations are positive.
-
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-

Public Affairs

1. Last evening in High River, Comd JTFW, BGen Juneau participated in a joint a news conference with Alberta's Municipal Affairs Minister Doug Griffiths. Media were taken inside the security perimeter in order to observe the damage and reassure High River population unable to return to the area. According to Alberta's Municipal Affairs Minister Doug Griffiths, High River has been the hardest high area south of Calgary.
2. Yesterday we saw an increase in national and international interest and positive media coverage. Special requests for embedding with our troops, ground and air transport and even assistance to a documentary team were received and processed by CJOC PA and JTFW PAOs.

Developments/Notable Events

- SK: (Source: JTFW Dom Ops LO from SK PEOC Morning Update 23 Jun)
The Cumberland House Evacuation is occurring, the initial planning figure was for 2,200 personnel to be evacuated. Approximately 10% of those folks have chosen to stay behind and will be conducting flood mitigation and preparation works. Approximately 25% of Cumberland House is self evacuating.
- MB: As of early 24 Jun there are a number of Rainfall Warnings presently active. 40-60 mm rain expected by Monday evening. MB has issued an overland flood warning and high water advisory for the northwest, Interlake and southwest regions of Manitoba. An intense low pressure system pushing north from North Dakota has brought significant rain with embedded thunderstorms into southwest Manitoba. If the heavy rains fall as forecast, small streams and tributaries will quickly rise and most likely approach or spill their banks. Flash or overland flooding could happen in areas hit by heavier rainstorms. The flood warning continues for the Saskatchewan River near The Pas. MB Dom Ops assesses that it should be within provincial capabilities.
 - * Water levels on the Saskatchewan River in The Pas area are expected to approach 2011 levels as floodwater from Alberta moves east through Saskatchewan and into Manitoba.
 - * The Ralls Island dike in The Pas will handle projected levels as it was elevated to withstand floods greater than the 2011 flood.
 - * The flood crest could arrive in The Pas between eight and 12 days from now, depending on the Tobin Reservoir operations.

- As the runoff from Alberta comes to SK, a significant amount of water management is occurring, Gardner Dam is releasing water to make room in Diefenbaker Lake, the peak is then expected around the middle of next week. Along the South Saskatchewan River, very little infrastructure is anticipated to be affected by the upcoming runoff. Saskatoon has some small pumping stations that will be affected, but nothing critical at this juncture. Along the remainder of the river, the areas affected are anticipated to be farmland, hunting territory and some recreational use areas. Rainfall expected in Saskatchewan is anticipated to only minimally increase the water flows through the province. Heavy rain expected 24 Jun in central and eastern SK. No RFA is anticipated ATT.
- Medicine Hat: The Trans Canada bridge remains open with water cresting a few feet from the bottom of the bridge. Other bridges remain useable and open to emergency vehicles.
- The RCMP reports that the door to door checks in High River are ongoing. They were unable to provide status as to what percentage of the town remains to be checked at this time.
- Saskatchewan Update: Cumberland House evacuation continues. Gardner Dam is releasing water to make room in Diefenbaker Lake, the peak is expected around the middle of the week. Very little infrastructure expected to be affected by upcoming runoff. No RFA anticipated at this time.

CFICC will issue the next SITREP at 241530 EDT Jun.

OP LENTUS 13-01 - CAF SUPPORT TO DISASTER RELIEF IN ALBERTA

CFICC SITREP 014 - 241800EDT JUN

CURRENT SITUATION - 241800EDT Jun 13

OP LENTUS supporting AB provincial authorities in the following tasks:

1. Recce of Affected Areas
2. Support to Evacuation efforts
3. Assistance to local authorities

NEW TASKS SINCE LAST REPORT (241130EDT Jun 13): No change.

FORCE DISPOSITION:

2300+ CAF personnel are currently within the Joint Operations Area (JOA) which is defined as Alberta south of Red Deer.

2320 CAF personnel are now involved in Op LENTUS

LCC - 1993 personnel
ACC - 102(+) personnel
RMCE - 17 personnel
ASG - 148 personnel
JTFW - 60 personnel

41 TBG to be released from operations as of 241800 Jun 13 and will revert to normal readiness posture (72 hrs NTM).

38 & 39 CBG will revert to normal readiness posture (72hrs NTM) as of 241800 Jun 13.

CHANGES SINCE LAST REPORT (241130EDT Jun 13): NSTR

OPERATIONS SUMMARY

The South Saskatchewan River has crested at Medicine Hat - not as high as predicted, but may be more prolonged than originally expected. Things are progressing well ground with CAF effort having positive effect on the ground, most significantly in providing:

- A. evacuation of population (diminishing)
- B. mobility for provincial and municipal authorities
- C. engineering support to shoring up protective berms, dikes and expertise in surveying damage to bridges and overpasses, etc.
- D. clearing roads of debris
- E. going house-to-house in High River, checking for persons in distress
- F. CAF participated in about 30 hours of sandbagging icw local population in Medicine Hat.

OPERATIONS OUTLOOK

- A. Both CH149 Cormorants will RTB COMOX today
- B. At 1800 MDT, JTFW will stand down approx 500-600 personnel including 200+ reservists in CAL and will revert 38 and 39 Brigades in BC and MB to their normal readiness postures.
- C. Anticipate being in a position to draw down about half the current force within 24 hours. SJS working Strat aspects and CJOC/JTFW working drawdown plan and supporting PA strategy and posture. Once all in place and SJS signals strat approval, will implement
- D. Within 48 hrs, expect the demand to be for higher skilled technical support, focussed on water production, power generation and bridging expertise.
- E. JTFW is lashed up very closely with the provincial authorities and in particular the Minister of Public Safety. They have discussed framework and conditions/criteria which support CAF transition. The attached dashboard ppt. reflects the agreed thinking. We are using this as encapsulating progress.

- Criteria for Transition

INSERT CURRENT CRITERIA FOR TRANSITION STOPLIGHT MATRIX

ASSESSMENT AND INTENTIONS

- F. It is clear that local authorities appreciate our support but don't want us to remain beyond time that we are needed. We have been very clear as to what our job is so that there are no unreasonable expectations (ie won't help cleaning out basements). This is clearly understood by local authorities who have indicated that they'd support comms efforts with the local populations. Drawdown will be synchronized with local/provincial authorities
- G. One anticipated request to note is that, owing to the damage in High River the province assesses a potential need for the housing of 400-1000 residents for up to 2 weeks. JTFW has been directed to advise the province to route any such request through PSC as they are the federal response coordinator.
- H. CJOC J8 has produced the first ROM costing based solely on personnel levels employed thus far and has submitted to SJS. This estimate represents only a portion of the costs to date and will be refined as fuel, real life support costs, etc are captured. At this time, because of the rapid evolution of the mission and uncertainties, we are not able to predict costs with any confidence.

Public Affairs

- A. Media coverage remains high and positive.

B. Ret'd Bgen Andre Corbould, was introduced by Alberta's Premier Redford as the lead for the Integrated Task Force for the Government of Alberta dealing with this crisis.

C. Fed Minister of Immigration, Jason Kenney commented on the yeomen work accomplished by our CAF troops and that he is anticipating a drawdown of CAF pers in the following days where their presence is no longer required. He also mentioned the CAF focus will remain on rescue consequence management, protecting critical infrastructure conducting specialized tasks such as emergency response, water purification, engineer work, building bridges, etc. He managed expectation stating CAF is not in the business of service provision, basement pumping or home-to-home cleanup.

D. BGen Juneau and Alta Minister of Public safety will make a joint announcement at 1600 MDT regarding imminent draw down of troops from the affected Area. Actual drawdown of approx 500-600 troops will begin approx 1800 MDT.

Developments/Notable Events

Calgary: Evacuation orders for all but a few communities have been lifted. Calgary is working to source Safety Code Officers to facility re-entry into both residences and worksites.

Canmore: Residents are starting to return to their homes, if their homes were designated GREEN. The home owners whose homes are classified as YELLOW or RED met with Municipal staff to discuss re-entry requirements and safety concerns. There is two-way, restricted traffic flowing between Banff and Canmore. Town infrastructure projects continue and work is moving into recovery phases.

Kananaskis: Evacuations are continuing for those isolated by road closures.

High River: The town is starting re-entry planning and developing criteria to allow re-entry to proceed. They are mapping out the town in 4 classifications: buildings not damaged; buildings with some damage but safe for habitation; buildings with significant damage that prevents habitation but that can be remediated; and buildings which will likely have to be demolished.

Medicine Hat: Approximately 10,000 people from low lying areas have been evacuated. Municipal ESS have over 1550 evacuees registered at their reception centre.

Stoney Tribe, Eden Valley: There is a boil water advisory in effect for Eden Valley.

Tsuu T'ina Nation: Residents are being allowed to return to their homes, however, they will be without water service for at least 48 hours.

Siksika Nation: Both East and West Siksika Public Water supplies have been compromised and Health Canada has placed the region under a Boil Water Advisory and Water Restriction Advisory.

CFICC will issue the next SITREP at 250600 EDT Jun.



UNCLASSIFIED

Military Criteria for Transition
 24 June 2013



	Criteria for Success and Mission Completion	Staff	Canmore	Kananaskis	High River	Calgary	Medicine Hat	Overall
1	River water levels and flow rates reducing.	J2	●	●	●	●	○	○
2	No further danger to civilians (life and limb) and evacuations not required.	BP	●	●	●	●	○	○
3	Provincial authorities have initiated reintegration of civilians phase.	J3	●	●	●	●	○	●
4	Danger to essential infrastructure, dikes and routes mitigated.	Engr	●	○	○	●	○	○
5	Emergency organizations have capability and capacity to sustain relief operations.	J3	●	●	●	●	○	○
6	Unique CF capabilities no longer required.	J3	●	●	●	●	○	○
7	Provincial authorities have commenced consequence management.	J3	●	●	○	●	○	○



All conditions met.



Conditions progressing.



No conditions met.

UNCLASSIFIED

Effective: 241500L June 2013

A-2013-01163-0076

OP LENTUS 13-01 - CAF SUPPORT TO DISASTER RELIEF IN ALBERTA

CFICC SITREP 010 - 231930EDT JUN

CURRENT SITUATION - 242330Z Jun 13

OP LENTUS supporting AB provincial authorities in the following tasks:

1. Recce of Affected Areas
2. Support to Evacuation efforts
3. Assistance to local authorities

NEW TASKS SINCE LAST REPORT (231930Z Jun 13): No change.

FORCE DISPOSITION:

2000+ CAF personnel are currently within the Joint Operations Area (JOA) which is defined as Alberta south of Red Deer.

2237 CAF personnel are now involved in Op LENTUS

LCC - 1910 personnel
ACC - 107 personnel
RMCE - 12 personnel
ASG - 148 personnel
JTFW - 60 personnel

CHANGES SINCE LAST REPORT (231930Z Jun 13): Planning and deployment to support local authorities in Medicine Hat.

OPERATIONS SUMMARY

- A. Single Planning Officer established as LNO to Provincial Planning Team
- B. CP140 ISR mission imagery distributed to provincial authorities.

Sector West - Canmore

- C. Assisted in extractions and evacuations using Griffon and Cormorant Helicopters.
- D. Assisted in clearing of Hwy 1, 1A and 40
- E. Provided support to pumping of water and mobility for essential services personnel.

Sector Calgary

- F. Assisted authorities in sandbagging and protection of critical infrastructure.

Sector Central - High River

- G. Provided mobility support to provincial authorities and essential services

Sector East – Medicine Hat

- H. Continued to shore up flood defences, focus on sandbagging/barrier construction to protect low lying areas.
- I. Provided mobility support

OPERATIONS OUTLOOK

- A. Expect support request to diminish in vicinity of Calgary
- B. Anticipate complete evacuation of Kananaskis corridor
- C. Anticipate continued operations in Canmore and High River
- D. Continue further preventative action and preposition so as to be responsive as situation develops
- E. Release 1 x CH149 Cormorant to return to Comox 241600Z Jun.

ASSESSMENT AND INTENTIONS

Continue assessment and prioritization with provincial authorities.

- A. Currently at 2200+ CAF personnel in the JOA, do not expect any further TF generation unless situation takes a radical turn.
- B. Assess CAF resources in JTF(W) AO currently adequate to address demand. Have placed selected capabilities outside AO at 24 Hrs NTM.
- C. As water recedes in some sectors, anticipate reduction in demand and opportunity to either reallocate resources within AO and/or draw down to a lower readiness state.
- D. Expect maintaining relatively high activity levels until 26 June, adjusting weight of effect as required by situation or as requested by province.

Developments/Notable Events - No Change

CFICC will issue the next SITREP at 231200 EDT Jun.

25 JUN 13

DL - 2 - Releasable to All Federal Departments and Agencies.

Sir,

This report covers CJOC Continental and regional activities in the last 24 hrs. There is no classified supplement.

1. **CCIR TRIPS:** There were no CCIR trips for CJOC Continental or US NORAD-NORTHCOM during the reporting period.

CF FORCE PROTECTION LEVEL: 5+

2. OPERATIONS:

OP LENTUS 13-01: See the Op Lentus 13-01 SITREP for latest information; details are also available on Command View.

3. REGIONAL:

- a. JTFA: FDU(A) EOD tasked to retrieve 1 x MLM from Quaker Island, NS. Team will retrieve MLM on 25 Jun 13. Case ongoing. FDU(A) EOD tasked to retrieve 1 x MLM from Shearbrook, NS. Team returned without incident. Case closed.
- b. JTFE: NSTR
- c. JTFN: NSTR
- d. JTFC: EOD - (i) Trenton EOD tasked to retrieve 2 x MLM from Baldwin Head, ON. Team returned without incident. Case closed. (ii) Trenton EOD tasked to retrieve 1 x MLM from Picton, ON. Team returned without incident. Case closed.
- e. JTFW: EOD - LFWA notified of tank rounds found in a landfill in Turner Valley, AB. Wainwright EOD will be dispatched on 25 Jun. Case ongoing. SAR - JRCC Trenton tasked the Winnipeg Herc to locate an ELT signal near Silver Lake, MB. Signal was located at Lac du Bonnet airport. No distress. Herc returned to base. Case closed.
- f. JTFP: EOD - 19 WG (Comox) tasked to retrieve 1 x MLM from Hornby Island, BC. Team returned without incident. Case closed.

4. GOC ACTIVITIES:

CURRENT: NSTR

UPCOMING: NSTR

5. CONTINENTAL: NSTR

6. OTHER: NSTR

END SITREP

V/R

Blair S. Tuttle
Captain | capitaine
Continental OWO | continent ODO
Canadian Joint Operations Command | Commandement des opérations interarmées du Canada
National Defence | Défense nationale
Ottawa, Canada K1A 0K2
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Government of Canada | Gouvernement du Canada

OP LENTUS 13-01 - CAF SUPPORT TO DISASTER RELIEF IN ALBERTA

CFICC SITREP 015 - 250600EDT JUN

CURRENT SITUATION - 250600EDT Jun 13

OP LENTUS supporting AB provincial authorities in the following tasks:

1. Recce of Affected Areas
2. Support to Evacuation efforts
3. Assistance to local authorities

NEW TASKS SINCE LAST REPORT (241800EDT Jun 13): No change.

FORCE DISPOSITION:

2200+ CAF personnel are currently within the Joint Operations Area (JOA) which is defined as Alberta south of Red Deer.

2265 CAF personnel are now involved in Op LENTUS

LCC - 1923 personnel
ACC - 87 personnel
RMCE - 17 personnel
ASG - 178 personnel
JTFW - 60 personnel

The commitment of the JSCC has increased as Institutional Support in preparations of the re-deployment phase increased. The next 24 hours will see a significant reduction throughout the day as 41 CBG, Elements of LdSH(RC), A Company 3 PPCLI complete their RSOM Out. It is estimated the initial reduction will be approx 750 personnel from Canmore, Calgary, Medicine Hat, and a small element from High River.

CHANGES SINCE LAST REPORT (241800EDT Jun 13): NSTR

OPERATIONS SUMMARY

- A. LdSH commenced redeployment from Canmore to Edmonton to reconstitute as Task Force Reserve/IRU. The IRU will return to a 6hr Notice to Move on 26 Jun. CAF activities in Canmore now closed.
- B. Ongoing mobility support to RCMP in High River. House-to house verification check approximately 90% complete.
- C. Engineer support in High River continues with amphibious route surveys and assistance with verification of primary routes within the city.
- D. The significant work to assist local emergency officials with the reinforcement of vulnerable barriers resulted in only limited damage to infrastructure within the city. Monitoring protective barriers constructed in Medicine Hat continues.
- E. Both CH149 Cormorants have departed the AO and are back in COMOX

- F. 41 CBG completed reconstitution and have stood down. 38 and 39 Brigades in BC and MB now at normal readiness posture (72 hrs NTM).
- G. A Company of 3 PPCLI BG redeployed from Medicine Hat to Edmonton

OPERATIONS OUTLOOK

- A. Continuing to monitoring protective barriers constructed in Medicine Hat.
- B. Anticipate being in a position to draw down about half the current force within 24 hours. SJS working Strat aspects and CJOC/JTFW working drawdown plan and supporting PA strategy and posture. Once all in place and SJS signals strat approval, will implement
- C. Within 48 hrs, expect the demand to be for higher skilled technical support, focussed on water production, power generation and bridging expertise.
- D. Progress is being made in all sectors within the AO. Latest Criteria for Transition matrix attached.

INSERT CURRENT CRITERIA FOR TRANSITION STOPLIGHT MATRIX

ASSESSMENT AND INTENTIONS

- F. Expects tasks in High River to diminish as city re-established critical Infrastructure services.
- G. There has been no request made for CAF specialized capabilities (water, power, bridging). Capabilities remain at the ready in the event a request is received.
- H. Costing of CAF participation is ongoing.
- I. Comd JTFW to re-assess further employment SAR assets today. There is also a decrease in the requirement for utility aviation, however drawdown of those assets will need have to allow for ongoing aviation requirements of the JTF Comd and Land Component.
- J. NTM of CAF unique capabilities will be discussed between CJOC and JTFW in light of the stabilizing situation and reduced forecast demand for CAF unique capabilities.

Public Affairs

- A. Media coverage remains high and positive. Comd 1 CMBG and CO 3 VP were engaged with media within the city of Medicine Hat throughout the day (24 Jun).
- B. BGen Juneau and Alta Minister of Public Safety conducted a joint announcement regarding imminent draw down of troops from the affected Area.

Developments/Notable Events

A Provincial Government "Tiger Task Team" has been created to facilitate planning of re-entry / recovery activities of affected communities.

Calgary: The Calgary Emergency Management Agency and municipal departments are continuing to assess the situation and the impacts to communities affected by flooding. With the return of a significant majority of evacuees, City crews and utilities providers are working hard to respond to homeowner issues. Immediate recovery prioritization and re-entry planning will continue for those areas still under evacuation orders, and the downtown core. The downtown core from 9 Avenue south to the Bow River between 14 Street S.W. and 6 Street S.E. is divided into five grids. Power will be restored to these grids over the next few days, starting with the area believed to have sustained the least amount of overland water damage.

Canmore: Re-entry / recovery activities continue.

Kananaskis: Evacuations are continuing for those isolated by road closures.

High River: Planning for support to evacuees, re-entry and interim housing will continue. Municipal Affairs (AEMA) has developed outline options for short-term accommodation (up to two weeks) and several post-secondary schools have already volunteered space.

Medicine Hat: Local authorities are continuing to maintain surveillance at key locations along the river to ensure the integrity of their protective dykes and sandbagged facilities. Assessments of impacts to the community are expected later today. Rapid Assessment Structural Safety Teams (RASST) will be made available to conduct rapid health and structural assessments of residences and public places.

Stoney Tribe, Eden Valley: There is a boil water advisory in effect for Eden Valley.

Tsuu T'ina Nation: Residents are being allowed to return to their homes, however, they will be without water service for at least 48 hours.

Siksika Nation: Both East and West Siksika Public Water supplies have been compromised and Health Canada has placed the region under a Boil Water Advisory and Water Restriction Advisory.

Saskatchewan

No significant changes to Saskatchewan's disposition. The evacuation of Cumberland House has been confirmed complete at 241511Jun 13. Some civilians have stayed behind, and numbers are being confirmed as to the total remaining to participate in mitigation works. None of the effects along communities on the South Saskatchewan River or North Saskatchewan River are large enough to overwhelm Provincial Resources. No RFA expected.

Manitoba

Current localized overland flooding due to weekend rain has been managed locally; forecast peak flows for the Saskatchewan River into the area of The Pas, MB in 8-12 days remain within current protection levels (earthen dikes) and/or within levels manageable by local/prov capabilities (sandbagging, tubes/aquadams, precautionary evacs). No significant concerns at this time, potential for RFA is LOW. There is a provincial interagency meeting scheduled 26 Jun 13.

CFICC will issue the next SITREP at 251800 EDT Jun.

OP LENTUS 13-01 - CAF SUPPORT TO DISASTER RELIEF IN ALBERTA

CFICC SITREP 016 - 251800EDT JUN

CURRENT SITUATION - 251800EDT Jun 13

1. OP LENTUS supporting AB provincial authorities in the following tasks:
 - a. Recce of damaged critical infrastructure
 - b. Assistance to local authorities in High River and Medicine Hat
2. Conducting a phased Force drawdown coordinated with provincial authorities

NEW TASKS SINCE LAST REPORT (250600EDT Jun 13): No change.

FORCE DISPOSITION:

1000+ CAF personnel are currently within the Joint Operations Area (JOA) which is defined as Alberta south of Red Deer.

1044 CAF personnel are now involved in Op LENTUS

LCC - 730 personnel
ACC - 76 personnel
RMCE - 00 personnel
ASG - 178 personnel
JTFW - 60 personnel

The next 24 hours will see a reduction of forces. Elements of 1 VP will remain in High River while elements of the FSG will remain in Airdrie and the LCC HQ will remain in Calgary.

CHANGES SINCE LAST REPORT (250600EDT Jun 13):

OPERATIONS SUMMARY

- A. As flood waters recede and evacuations are complete, Canadian Forces elements are systematically ending their support to local communities, and reposturing or returning to their home bases. Operations in sectors West/Canmore, East/Medicine Hat and Calgary are now closed.
- B. The LdSH(RC) BG redeployed to Edmonton and will resume the IRU role in LFWA as of 27 Jun 13 ; Recce element will revert to 6 hrs NTM and Main Body 12 hr NTM. A Company of 3 PPCLI BG has redeployed from Medicine Hat to Edmonton. 41 TBG was returned OPCOM 41 CBG and adopted normal DOMOP Posture of 72 hrs NTM. 38 CBG and 39 CBG have returned to normal DOMOP Posture of 72 hrs NTM. The two CH 146 Griffon SAR assets from 417 CSS Cold Lake have been released.
- C. Residual Force in Medicine Hat will continue monitoring protective barriers constructed.
- D. Elements of 1 VP will remain in High River providing ongoing mobility support to OGD until further notice.

OPERATIONS OUTLOOK

- A. Anticipate being in a position to continue to draw down over the next 24 hours with the exception on specific capabilities (water production, power generation and bridging expertise). Latest Criteria for Transition matrix attached.



JTFWHQ-Op
VTUS- DAILY INFO I

ASSESSMENT AND INTENTIONS

- A. Main effort over the next 24-48 hrs will be to maintain close coordination with provincial authorities regarding the disengagement of "CAF unique assets/capabilities" such as bridging, potable water production, etc. Although no request has been made for CAF specialized capabilities remain at the ready in the event a request is received.
- B. Costing of CAF participation is ongoing.
- C. JTFW's emphasis will be the capture of lessons learned, internal and external, while we have our people still committed to the fight

Public Affairs

- A. Media interest remains high.

Developments/Notable Events

Regional ESRD Field Teams continue to monitor and assess impacts of the flooding on drinking water, waste water and other municipal & industrial infrastructure in affected areas. ESRD Monitoring staff are also in the field servicing gauges and measuring water levels. DWOS (Drinking water operations specialists) staff are heading to High River, Siksika First Nation and Black Diamond areas to study drinking water. ESRD has over 200 staff and other personnel, in the field and at other locations, responding to this incident

Saskatchewan DOM OPS Update:

No significant changes to Saskatchewan's disposition. The evacuation of Cumberland House has been confirmed complete at 241511Jun 13. Some civilians have stayed behind, and numbers are being confirmed as to the total remaining to participate in mitigation works. None of the effects along communities on the South Saskatchewan River or North Saskatchewan River are large enough to overwhelm Provincial Resources.

Given the significant amount of lead time in which to conduct concurrent activity, I assess that Saskatchewan EM&FS has been able to lean far enough ahead that the

water's peak flow through Lake Diefenbaker will be significantly attenuated. No request for assistance is anticipated at this time and it is highly unlikely that one will be asked for.

Manitoba DOM OPS Update:

Current localized overland flooding due to wknd rain has been managed locally; forecast peak flows for the Saskatchewan River into the area of The Pas, MB in 8-12 days remain within current protection levels (earthen dikes) and/or within levels manageable by local/prov capabilities (sandbagging, tubes/aquadams, precautionary evacs). No significant concerns at this time, potential for RFA is LOW. There is a provincial interagency meeting scheduled 26 Jun 13.

CFICC will issue the next SITREP at 2610600 EDT Jun.



Commander

Commandant

Canadian Joint Operations Command
Commandement des opérations interarmées du Canada
Ottawa, Ontario, K1A 0K2

03350-OP LENTUS 13-01

26 June 2013

Distribution List

FRAG O 03 TO OP LENTUS 13-01

- References: A. CJOC OP Order – Op LENTUS 13-01, 21 Jun 13
B. CJOC FRAGO 01 to CJOC OP Order – Op LENTUS 13-01, 22 Jun 13
C. CJOC FRAGO 02 to CJOC OP Order – Op LENTUS 13-01, 23 Jun 13

SITUATION

1. The force reduction in the JOA continued throughout through out the past 24 hours. The continued presence of the CAF has provided a stabilizing presence to the affected communities in the region of Op LENTUS 13-01. A transition from response efforts to recovery efforts in many communities is now being seen. Several communities are now closing reception centres and emergency operations centres.

MISSION

2. No change. CJOC will provide support to the Province of Alberta in response to relief efforts for flooding.

EXECUTION

3. Comd's Intent. No change.
4. CJOC Strategic Objectives. No change.
5. Tasks. All assets and personnel that have been placed on reduced notice to move in anticipation of deployment to Op LENTUS 13-01 are to revert to normal notice to move. Assets and personal are as follow:
- a. RCN. RMCE, and small boats with crews from NAVRES Units within AB.

1/2



National
Defence

Défense
nationale

Canada

- b. CA. Non-LFWA ROWPU, ACROW and MGB sets, Advanced Bridging Qualified SNCOs and PAOs.
- c. RCAF/JFACC. Air assets as they are released from JTFW, ROWPU and pers.
- d. ADM(PA). Combat Camera Imagery Techs.
- e. Remainder no change.


SERVICE SUPPORT

- 6. No change.

COMMAND

- 7. No change.

Le Lieutenant-général



S.A. Beare
Lieutenant-General

Distribution List

Action

Comd RCN
Comd CA
Comd RCAF
Comd JTFW
ADM(PA)
CDI
CFJOSG

Information

VCDS
DOS/SJS
ADM(Pol)
JAG
CMP

OP LENTUS 13-01 – CAF SUPPORT TO DISASTER RELIEF IN ALBERTA

CFICC SITREP 017 – 260600EDT JUN

CURRENT SITUATION - 260600EDT Jun 13

1. OP LENTUS supporting AB provincial authorities in the following tasks:
 - a. Recce of damaged critical infrastructure
 - b. Assistance to local authorities in High River and Medicine Hat
2. Conducting a phased Force drawdown coordinated with provincial authorities

NEW TASKS SINCE LAST REPORT (251800EDT Jun 13): No change.

FORCE DISPOSITION:

500+ CAF personnel are currently within the Joint Operations Area (JOA) which is defined as Alberta south of Red Deer.

596 CAF personnel are now involved in Op LENTUS

High River – 1 PPCLI BG (246)

Cochran – 1 CER (184)

Airdrie – 1 Svc Bn/FSG (104)

Calgary – Elements of 1 CMBG HQ and 1 Fd Amb at HMCS TECUMSEH (56)

The next 24 hours will see a reduction of forces. The LdSH IRU had been reestablished in Edmonton at 6 hrs NTM as of 260800 Jun 13. Three CH-146 remain in Support to Op LENTUS. Two CH-146 are on 4 hrs NTM in Edmonton and One CH-146 is on 4 hrs NTM in Calgary.

CHANGES SINCE LAST REPORT (261800EDT Jun 13):

OPERATIONS SUMMARY

General: The reduction in force posture in the JOA continued throughout this reporting period. The continued presence of Force has provided a stabilizing presence to the effected communities in the Region of Op LENTUS. A transition from response efforts to recovery efforts in many communities is now being seen. Several communities are now closing reception centres and EOCs overnight. The only large numbers of evacuees still displaced are in Calgary (approximately 2,200), High River (13,000), and several First Nations communities (approximately 1,200).

High River: CF elements remain in support of local authorities in High River.

Military activities were focused on some CE tasks for Plumbers and Electricians, as well as support to the EOC. This support to the EOC has consisted of the further development of the ground maneuver trace, as well as some planning support to the development of the re-entry plan. Director of the EOC and the Chief of Operations for the EOC have both indicated that they no longer see a role for the military in High River.

They feel that they have access to suitable boats in the event that there is an emergency in the deeply flooded areas. They indicated that the water levels will likely continue throughout the day in some areas, since they have completed work on one of the two dyke systems and are already pumping water out of these low lying areas. It is confirmed that they do not see a requirement to retain the CE Tp involved in the restoration efforts.

OPERATIONS OUTLOOK

- A. Anticipate being in a position to continue to draw down over the next 24 hours with the exception on specific capabilities (water production, power generation and bridging expertise). Latest Criteria for Transition matrix attached.



JTFWHQ-Op
NTUS- DAILY INFO I

ASSESSMENT AND INTENTIONS

- A. The orderly drawdown of forces from Southern Alberta is ongoing and informed by close coordination and consultation with Provincial and local authorities. Although no request has been made for CAF specialized capabilities such as bridging, potable water production, etc. they remain at the ready in the event a request is received. The drawdown of operations suggest the deployment of assets does not seem likely
- B. In conducting the drawdown, JTFW has been ensuring that we leave locations occupied by our troops IAW environmental standards. With the majority of the forces redeployed, or in the process of, we are fully engaged on the out clearance inspections and land remediation. Engr "March Out Teams" are working on completing out-clearance on land where the CAF were active, specifically non-DND land use agreements and impact assessments. Land use agreements have been completed in all locations except AIRDRIE, AB.
- C. JTFW's emphasis will be the capture of lessons learned, internal and external, while we have our people still committed to the fight

Public Affairs

- A. Media interest remains high.

Developments/Notable Events

Regional ESRD Field Teams continue to monitor and assess impacts of the flooding on drinking water, waste water and other municipal & industrial infrastructure in affected areas. ESRD Monitoring staff are also in the field servicing gauges and measuring water levels.

Please refer to SITREP 18 as the attachment

A-2013-01163--0091

SASKATCHEWAN DOMOPS The evacuated community of Cumberland House, has 105 people remaining behind to ensure security and continue with flood mitigation works. The community of Sturgeon Landing has been threatened by the rising waters, and the situation is being monitored by Sask EM&FS. Water flows through Saskatoon are slightly higher than predicted at 3400m³/s. Prince Albert may be slightly affected by this. Peak water at Cumberland House is predicted to be at some time in Mid July. **No RFA is anticipated at this time.**

MANITOBA DOMOPS No change since last report.

CFICC will issue the next SITREP at 261800 EDT Jun.

OP LENTUS 13-01 - CAF SUPPORT TO DISASTER RELIEF IN ALBERTA

CFICC SITREP 018 - 261800EDT JUN

CURRENT SITUATION - 261800EDT Jun 13

1. OP LENTUS supporting AB provincial authorities in the following tasks:
 - a. Recce of damaged critical infrastructure
 - b. Assistance to local authorities in High River and Medicine Hat
2. Conducting a phased Force drawdown coordinated with provincial authorities

NEW TASKS SINCE LAST REPORT (260600EDT Jun 13): No change.

FORCE DISPOSITION:

400+ CAF personnel are currently within the Joint Operations Area (JOA) which is defined as Alberta south of Red Deer.

490 CAF personnel are now involved in Op LENTUS

High River - 1 PPCLI BG (246) - Currently Redeploying to Edmonton

Cochrane - 1 CER (184)

Airdrie - 1 Svc Bn/FSG (60)

The next 12 hrs will see a reduction of forces. (1VP redeployment)

CHANGES SINCE LAST REPORT (260600EDT Jun 13):

OPERATIONS SUMMARY

General: The reduction in force posture in the JOA continued throughout this reporting period. LCC has been established in Edmonton allowing the Calgary LCC to conduct redeployment. Engineer elements have begun regrouping in Cochrane and The LdSH IRU has been reestablished in Edmonton at 6 hrs NTM as of 260800 Jun 13.

JTFW continues to support GoA with approximately 500 CAF personnel. 1VP began movement from HIGH RIVER to EDMONTON as of 26 1230 hrs. All elements are now clear of High River, with rear elements in Airdrie. The BG should be complete in Edmonton by 1900 tonight. MGB bridging and water production capabilities remain forward in COCHRANE but are as yet, uncommitted and there is not anticipation of their requirement.

HIGH RIVER - 1 PPCLI BG

1 PPCLI has completed transition and are now conducting redeployment back to Edmonton.

ENGINEERS - 1 CER.

1 CER: RHQ focussed in COCHRANE. Elements from High River have begun regrouping in Cochrane.

Next 24 – Continued preparation for Equipment/Personnel redeployment and minor remediation tasks in CANMORE.

FSG AIRDRIE:

Elements of FSG have begun redeployment; however FSG will be leaving 60 Pers in place IOT support 1 CER.



JTFWHQ-Op
 VTUS- DAILY INFO I

Public Affairs

A. Media interest remains high.

Developments/Notable Events

GoA: The transition from response to recovery continues in many communities. Utilities are being restored and more closed or restricted roads are being opened. Several communities are now closing reception centres and EOCs. The only large number of evacuees still displaced are in Calgary (approximately 2,200), High River (13,000), and several First Nations communities (approximately 1,200). The weather forecast southern Alberta is very positive with no significant precipitation expected. Recovery and remediation in many areas will be a long-term and costly proposition. As flooded areas are accessed, the true scope and spread of the damage is becoming known.

The POC is working hard to maintain situational awareness. From GoA perspective, support to the displaced residents of High River is a top priority. Efforts to identify options for near-term interim accommodations for those residents currently in reception centres are progressing and will be provided to local authorities for consideration. Notwithstanding, it is fully recognized that the challenges ahead will remain significant and require a whole of GoA approach.

SASKATCHEWAN DOMOPS: The communities of Cumberland House and North Battleford continue to work on mitigative works and preventative measures. Peak flows are expected on the South Saskatchewan River early today. Peak flows are expected at Prince Albert by late 26 Jun into 27 Jun. Hwy 123 to Cumberland House is now closed and is expected to remain closed for an undetermined amount of time. Sask EM&FS has the situation in hand. **No RFA is anticipated at this time.**

MANITOBA DOMOPS: Regarding flood preparations along the Saskatchewan River IVO the Pas, MB, the province has provided two sandbag machines to the communities involved and preparations continue. This is being managed locally and the currently forecast levels are within current protection levels and/or within local capabilities to

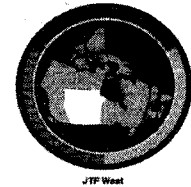
prepare for and manage. MAN DOMOPS is monitoring. **No RFA is anticipated at this time.**

CFICC will issue the next SITREP at 270600 EDT Jun.

UNCLASSIFIED



Military Criteria for Transition
 24 June 2013



	Criteria for Success and Mission Completion	Staff	Canmore	Kananaskis	High River	Calgary	Medicine Hat	Overall
1	River water levels and flow rates reducing.	J2						
2	No further danger to civilians (life and limb) and evacuations not required.	BP						
3	Provincial authorities have initiated reintegration of civilians phase.	J3						
4	Danger to essential infrastructure, dikes and routes mitigated.	Engr						
5	Emergency organizations have capability and capacity to sustain relief operations.	J3						
6	Unique CF capabilities no longer required.	J3						
7	Provincial authorities have commenced consequence management.	J3						



All conditions met.



Conditions progressing.



No conditions met.

UNCLASSIFIED

Effective: 241500L June 2013

26 JUN 13

DL - 2 - Releasable to All Federal Departments and Agencies.

Sir,

This report covers CJOC Continental and regional activities in the last 24 hrs. There is no classified supplement.

1. **CCIR TRIPS:** There were no CCIR trips for CJOC Continental or US NORAD-NORTHCOM during the reporting period.

CF FORCE PROTECTION LEVEL: 5+

2. OPERATIONS:

OP LENTUS 13-01: See the Op Lentus 13-01 SITREP for latest information; details are also available on Command View.

3. REGIONAL:

a. JTFA: EOD. i) 2 man EOD team deployed from 14 Wing Greenwood to dispose of MLM found on Quaker Island (1nm south of Chester in Mahone Bay). Tasking completed without incident. Case closed.

b. JTFE: NSTR

c. JTFN: NSTR

d. JTFC: SAR. SPOT alert reported for a party of 10 adrift on an ice floe off Elwin Inlet NE of Borden peninsula, NT. EGC issued, 17 Wg CC130 tasked. PAN PAN issued. 20 additional persons were also stranded on another ice flow. Two 8 Wg CH146 were tasked from Op Nevus (Eureka) along with a 9 Wg CH149. 8 Wg CC130 later tasked to relieve 17 Wg CC130. 14 Wg CC130 later tasked to ferry a backup crew for the Cormorant to Iqaluit. Original 10 member party was able to drift back to shore. Subsequently the remaining 20 had also made it to shore after ice was close enough to escape. People still need to be evacuated as shore is not accessible by land. Griffons currently on the ground at Grise Fjord due to weather and Cormorant returned to Hall Beach due to fog IVO ice flow. Expect mid morning for fog to lift and then JRCC will task available assets to evacuate the 30 people awaiting on shore. Case ongoing.

e. JTFW: NSTR

f. JTFF: EOD. i) FDU(P) deployed a 2 pers EOD team to Theits Island for an MLM. Taskings was completed without incident. Case closed. ii) 19 Wing Comox EOD team has returned to 19 Wg from an MLM callout to Mitlenatch Island. Case completed without incident. Closed.

4. GOC ACTIVITIES:

CURRENT: NSTR

UPCOMING: NSTR

5. CONTINENTAL: NSTR

6. OTHER: NSTR

END SITREP

V/R

Neal Matthews, Major
Operations Watch Officer - Continental | Officier des opérations - continental

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OP LENTUS 13-01 - CAF SUPPORT TO DISASTER RELIEF IN ALBERTA

CFICC SITREP 019 - 270600EDT JUN

CURRENT SITUATION - 270600EDT Jun 13

1. Conducting a phased Force drawdown coordinated with provincial authorities

NEW TASKS SINCE LAST REPORT (261800EDT Jun 13): No change.

FORCE DISPOSITION:

200+ CAF personnel are currently within the Joint Operations Area (JOA) which is defined as Alberta south of Red Deer.

297 personnel (LCC) in JOA South of Red Deer

COCHRANE - 1 CER (273 pers).

AIRDRIE - 1 Svc Bn/FSG (24 pers)

The next 12 hrs will see the full reduction of force, and the return of equipment and stores from the JOA.

CHANGES SINCE LAST REPORT (261800EDT Jun 13):

OPERATIONS SUMMARY

General: Within the JOA, only Engineer and CSS elements remain. The force reduction in the JOA continued throughout the past 24 hours. The continued presence of the CAF has provided a stabilizing presence to the affected communities in the region of Op LENTUS 13-01. A transition from response efforts to recovery efforts is continuing throughout the JOA. Engineer elements have begun regrouping in Cochrane. The LdSH(RC) IRU has been reestablished for JTFW in Edmonton at 6 hrs NTM as of 260800 Jun 13. JTFW will conduct redeployment tomorrow 27 Jun 13. The focus will remain on post-operations with priority on:

1. Safe and orderly redeployment; and
2. Capturing lessons learned

JTFW continues to support GoA with approximately 300 CAF personnel. 1VP completed his redeployment in Edmonton as of 271900 Jun 13. All elements are now clear of High River, with rear elements in Airdrie. MGB bridging and water production capabilities remain forward in COCHRANE but are as yet, uncommitted and there is not anticipation of their requirement.

HIGH RIVER - 1 PPCLI BG

1 PPCLI has completed transition and are now completed redeployment back to Edmonton.

ENGINEERS – 1 CER.

1 CER: Regrouping of Engineer elements is complete in COCHRANE.

Next 24 – Complete loading/preparation of Equipment/Personnel for the planned redeployment back to Garrison.

FSG AIRDRIE:

FSG: No Change.

Next 24 – Complete loading/preparation of Equipment/Personnel for the planned redeployment back to Garrison.

ACHIEVEMENTS:

IAW the assessment of the JTFW & LCC Comds, the following was achieved:

- Conducted reconnaissance at the SEEBE DAM, TRANSALTA POWER PLANT near BANFF, and bridges in downtown CALGARY.
- Participated in more than 30 hours of sandbagging with local residents in MEDICINE HAT.
- RCAF SAR (442 and 417 Sqn) rescued 29 pers and 2 dogs by hoist stranded on rooftops.
- Provided Mobility Support to municipal and provincial authorities in hard to reach areas.
- Evacuated 121 pers from the William Watson Lodge (Special Needs Facility in CANMORE) along with 18 family pets (dogs, cats, bird).
- Provided Mobility assistance to evacuate 182 people from the Mt. Kidd RV Park (CANMORE).
- Conducted house-to-house searches for people in distress.
- Provided mobility assistance to firefighters moving around flooded neighbourhoods in CALGARY.
- Delivered parts and supplies to the CANMORE Hospital.
- Sent dump trucks, loaders, and backhoes to Medicine Hat to assist in constructing protective barriers.
- Shored up berms and installed culverts to protect the DOUGLASDALE Power Station.
- Sent an Engineer Recce and dive team to ensure the Crowfoot Ferry was secured.
- Assisted in clearing Highway 1, Highway 1A, and Highway 40 in CANMORE.
- Assisted in sandbagging and protection of critical infrastructure in CALGARY.
- Helped authorities at information points when residents were returning to homes.



JTFWHQ-Op
VTUS- DAILY INFO I

Public Affairs

A. No change.

Developments/Notable Events

GoA: Affected communities across southern Alberta remain at various stages of recovery. The GoA, in consultation with local authorities, has confirmed that the need for continued CAF assistance has ended, with communities now able to continue operations through a mix of integral resources and those being provided by mutual aid arrangements and the GoA (both owned and contracted). Water levels continue to fall for the majority of Alberta's affected river basins with no significant precipitation amounts forecast for southern Alberta over the next couple of days.

A letter has been sent 26 June 13 from Minister Griffiths to Minister Toews thanking the Government of Canada and the Canadian Armed Forces for their response and support to Albertans over the past week. CAF personnel will be released as of 1200hrs 27 June.

SASKATCHEWAN DOMOPS: No change. The communities of Cumberland House and North Battleford continue to work on mitigative works and preventative measures. Peak flows are expected on the South Saskatchewan River early today. Peak flows are expected at Prince Albert by late 26 Jun into 27 Jun. Hwy 123 to Cumberland House is now closed and is expected to remain closed for an undetermined amount of time. Sask EM&FS has the situation in hand. **No RFA is anticipated at this time.**

MANITOBA DOMOPS: No change. Regarding flood preparations along the Saskatchewan River IVO the Pas, MB, the province has provided two sandbag machines to the communities involved and preparations continue. This is being managed locally and the currently forecast levels are within current protection levels and/or within local capabilities to prepare for and manage. MAN DOMOPS is monitoring. **No RFA is anticipated at this time.**

This constitutes the final CFICC SITREP for OP LENTUS 13-01.



UNCLASSIFIED

Military Criteria for Transition
 27 June 2013



	Criteria for Success and Mission Completion	Staff	Canmore	Kananaskis	High River	Calgary	Medicine Hat	Overall
1	River water levels and flow rates reducing.	J2	●	●	●	●	●	●
2	No further danger to civilians (life and limb) and evacuations not required.	BP	●	●	●	●	●	●
3	Provincial authorities have initiated reintegration of civilians phase.	J3	●	●	○	●	●	●
4	Danger to essential infrastructure, dikes and routes mitigated.	Engr	●	●	●	●	●	●
5	Emergency organizations have capability and capacity to sustain relief operations.	J3	●	●	●	●	●	●
6	Unique CF capabilities no longer required.	J3	●	●	●	●	●	●
7	Provincial authorities have commenced consequence management.	J3	●	●	●	●	●	●



All conditions met.



Conditions progressing.



No conditions met.

UNCLASSIFIED

Effective: 2601400L June 2013

27 JUN 13

DL - 2 - Releasable to All Federal Departments and Agencies.

Sir,

This report covers CJOC Continental and regional activities in the last 24 hrs. There is no classified supplement.

1. **CCIR TRIPS:** There were no CCIR trips for CJOC Continental or US NORAD-NORTHCOM during the reporting period.

CF FORCE PROTECTION LEVEL: 5+

2. OPERATIONS:

Op LENTUS 13-01: MPS Letter of Release received effective 271400EDT Jun 13. See the Op Lentus 13-01 SITREP for latest information; details are also available on Command View.

Op PASSIVE SKIES: Open Skies 12F(OSY12F) completed segments one and two and will depart Trenton (CYTR) 271500Z JUN 13 and conduct segment three before returning to CYTR.

Op NEVUS: The SAR mission (para 3.d) callout did not impact operations as the two Griffons were ahead of schedule in their objectives. DCOMD, DCOS Sp and J3I visited CFS Alert this week and it provided them with a great opportunity to tour the Station, to meet our CAF pers tasked to Op NEVUS and to better understand the infrastructure challenges common to all who operate in the North.

3. REGIONAL:

a. JTFA: i. EOD Callout: The Gagetown EOD team were tasked: 1) to PEI, where the local RCMP found and stored a MLM; and 2) to NB, where a local resident found 2 x vintage shells in a barn; team recovered an MLM, 18 Pdr Shell and 12 Pdr Shrapnel Shell. Cases closed. ii. The fire burning 15 km from Labrador City is still out of control, has crossed the Quebec border but there is no immediate threat to the nearby municipalities. Preparedness and response is expected to remain within municipal and provincial capabilities. JTFA continues to monitor the situation.

b. JTFE: NSTR

c. JTFN: NSTR

d. JTFC: i. SAR. 1) SPOT alert reported for a hunting party of 11adrift on an ice floe off Elwin Inlet NE of Borden peninsula, NT; 20 additional persons were also stranded on another ice floe. Two 8 Wg CH146 were tasked from Op Nevus (Eureka) along with a 9 Wg CH149 and 8 Wg, 17 Wg and 14 Wg CC130s over the two days. Original 11 member hunting party was able to drift back to shore. Subsequently the remaining 20 also made it to shore after ice was close enough to escape; they still needed to be evacuated, as shore was not accessible by land. Aircraft were grounded due to fog IVO ice flow; once the fog lifted mid morning, the 2 X Griffons successfully completed their task. All 31 are safe in Arctic Bay. All CAF assets released back to their units. Case closed. 2) CASARA Gatineau and 424 Sqn Griffon tasked in response to 121 ELT reports in the Ottawa area. CASARA unable to locate source, passed onto Griffon. Helo located small ELT repair shop in residential area with ELT active. Beacon turned off, owner notified, case closed. ii. Suspicious Package. At approximately 1610hrs, NOC received a call from the U.S. Embassy advising of a suspicious package in the x-ray machine. At 1811hrs, NOC Situation reported that CBRNE Operations had departed the scene, no threats present. Event Closed.

e. JTFW: Main focus is drawdown of Op Lentus.

f. JTFF: EOD Callout: 19 WG (Comox) retrieved 2 x MLM from Oyster Bay (North of Black Creek), case closed. SAR; PORT ELIZA O/D 19' P/C reported to be missing from a fishing trip to Kyuquot from Port Eliza. 19 Wg CH149 and CC115 tasked to search. Vessel RTB Port Eliza without issue. Case closed

4. GOC ACTIVITIES:

CURRENT: Flooding. Response capabilities are expected to remain within municipal and provincial capabilities.

UPCOMING: NSTR

5. **CONTINENTAL:** Volcanoes Veniaminof and Pavlof along the Alaska Peninsula remain active with an elevated threat of eruption and possible disruption of commercial air traffic west of AK.

6. **OTHER:** High energy particles and increased geomagnetic activity is forecast for 72 hours with impact to HF/satellite communications and satellite operations.

END SITREP

V/R

Maj C. Lynn Doucette (RCAF)
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3350-1/Operation LENTUS (J33)

17 September 2013

Distribution List

**JOINT TASK FORCE WEST (JTFW) POST
OPERATION REPORT (POR) – OPERATION LENTUS 13-01**

- References: A. 3350-1 (Army G35) ARMY SUPPORT PLAN IMMEDIATE REACTION UNIT – CONTINGENCY PLAN LENTUS, 9 December 2011
B. 03350 CJOC – OP LENTUS 13-01, 21 June 2013
C. 03350 CJOC TERMINATION ORDER – OP LENTUS 13-01, 28 June 2013
D. 3350-1 (G3 Ops) JTFW OP ORDER 01 – OP LENTUS 13-01, 23 June 2013
E. 3000-8 (G3 Dom Ops/J3 Ops) JTFW FRAGO-001-SUPPORT OF FLOOD MITIGATION IN SOUTHERN AB, 21 June 2013
F. 3000-8 (G3 Dom Ops/J3 Ops) JTFW FRAGO-002 TO JTFW SUPPORT OF FLOOD MITIGATION IN SOUTHERN AB, 21 June 2013
G. 3000-8 (G3 Dom Ops/J3 Ops) JTFW FRAG O 003 TO JTFW SUPPORT OF FLOOD MITIGATION IN SOUTHERN AB, 22 June 2013
H. 3350-1 (G3 Ops) JTFW FRAGO 004 TO JTFW OP ORDER 01 – OP LENTUS 13-01, 24 June 2013
I. 3350-1 (G3 Ops) JTFW FRAGO 005 TO JTFW OP ORDER 01 – OP LENTUS 13-01, 24 June 2013
J. 3350-1 (G3 Ops) JTFW REDEPLOYMENT ORDER 01 – OP LENTUS 13-01, 25 June 2013
K. 3350-1 (G3 Ops) JTFW MISSION TERMINATION ORDER 01 – OP LENTUS 13-01, 27 June 2013
L. 3385-1 (Op LENTUS) POST OPERATION REPORT (POR) OP LENTUS 13-01: ACCE (W) SUPPORT 20-25 JUN 2013, 28 Aug 13 (enclosed)
M. 3350-1 (G3, 41 CBG) POST OPERATION REPORT OPERATION LENTUS JUNE 2013, 16 Aug 13 (enclosed)
N. 3000-1 (G3 Ops 2, 1 CMBG) OP LENTUS – OPERATION REPORT (POR), 13 Sep 13 (enclosed)

1. Aim. Operation LENTUS 13-01 (Op LENTUS) constituted a joint, inter-agency response to a Request for Assistance (RFA) from the Government of Alberta (GOA) to support flood mitigation efforts in the province. The aim of this POR is to capture key observations and lessons identified by JTFW and the Component Commands throughout the course of the operation. This POR will inform future doctrinal, organisational, materiel, training and policy decisions and thereby improve upon the CAF's capacity to provide domestic responses that are timely, effective and relevant.

2. Scope. This POR will encompass the following detail:
 - a. Background;
 - b. Key Comd JTFW Observations; and
 - c. JTFW HQ Lessons Identified and Component PORs.

3. Background.
 - a. As required by COP LENTUS, reference A, JTFW maintains flood situational awareness across the three prairie provinces. Through reports from the Alberta Emergency Management Agency (AEMA) in conjunction with the Alberta Domestic Operations (AB Dom Ops) Detachment, JTFW HQ was monitoring the heavy rainfall and subsequent rise in water levels within SOUTHERN ALBERTA on the morning of 20 June 2013. All times reported are Mountain Daylight Time (MDT).
 - b. By mid afternoon on 20 June 2013, AEMA elevated their Provincial Operations Level to Level 4 which saw the AB Dom Ops LO embed within their Provincial Operations Centre (POC) to monitor the situation and prepare for a potential Request For Assistance (RFA). Although the Province initially indicated that an RFA for CAF was unlikely, the situation escalated and RCMP on the ground in HIGH RIVER requested SAR through the JRCC to aid in rescuing people who were stranded on roof tops within the community. This triggered discussions between GOA and JTFW which in turn saw the repositioning of CAF assets and a verbal RFA from the GOA to the Government of Canada (GOC) at 2330 that evening. A formal RFA was submitted by GOA in the morning of 21 June 2013.

4. Sequence of CAF Response. Outlined below is the sequence of the CAF response during Op LENTUS. As a rapid contingency response operation, Op LENTUS followed doctrinal operational phasing, with high levels of concurrent activity and overlap throughout.
 - a. Phases 1 & 2 – Warning and Mounting. As noted, early monitoring of the flood conditions in AB had not indicated an apparent threat and no impending requirement for CAF involvement. When this changed on 20 June 2013, it triggered a planning cycle to generate 3 Cdn Div forces to respond to the event. JTFW HQ relied on its own COP WRANGLER as the framework for generation and deployment options for land forces. Significant efficiency was achieved through direct verbal and email communications between the commands and HQs involved. This parallel information exchange and passage of direction and guidance served to significantly accelerate and focus the warning and force generation process;
 - b. Phase 3 – Deployment
 - (1) Within a few hours of embedding the AB Dom Op LO within the AEMA and the RCMP triggered SAR request, the NTM of the JTFW IRU, at that time the LdSH(RC), was reduced. By 20 2000 June 2013 the GOA approved the JTFW request to preposition troops and the IRU was recalled. At 2300, Comd JTFW visited the POC and liaised with key

staff. Immediately following the visit, the verbal RFA was initiated by GOA to GOC and the IRU Recce group deployed.

- (2) At 21 0015 June 2013, CJOC verbally authorized CAF assets to assist and by 0100 hrs the IRU Vanguard deployed. Concurrent activity and planning at the staff level was ongoing and at 0500 hrs that morning, a formal RFA letter was submitted by the GOA which triggered the issue of JTFW Frag Order immediately following. As such, follow on road groups left Base Edmonton at 0800 hrs to forward stage in RED DEER, AB. 1 CMBG was designated as the LCC HQ and commenced deployment for CALGARY at 0900 hrs that same morning.
- (3) By 1200 hrs, 1 CER deployed to COCHRANE as a staging area for engineer operations throughout the AOR. 1 PPCLI were deployed to HIGH RIVER at 1300. 41 Territorial Battalion Group (TBG) was recalled at 1400 to conduct operations in the City of CALGARY. As the flooding moved westward, the City of MEDICINE HAT was threatened and as such, 3 PPCLI deployed there at 22 1200 June 2013.

c. Phase 4 – Employment

- (1) JTFW forces were directly engaged in flood mitigation tasks within 24 hours of the receipt of the warning. CAF efforts were aligned with provincial priorities, as identified and coordinated through the Alberta Emergency Management Agency (AEMA). This supporting role and relationship were underscored consistently throughout Op LENTUS.
- (2) The focus of effort shifted from west to east following the flood crest across Southern Alberta. The priority of effort was initially identified as: CANMORE, CALGARY, HIGH RIVER and lastly, MEDICINE HAT. Key tasks for CAF personnel included:
 - (a) ground and air evacuations of stranded civilian personnel;
 - (b) mobility assistance to law enforcement and critical services personnel within flooded or isolated areas;
 - (c) recces;
 - (d) sandbagging; and
 - (e) protection of critical infrastructure.

d. Phase 5 – Redeployment. On 25 0100 June 2013 the flood threat to infrastructure culminated with the peak flow passing through MEDICINE HAT, after which requirements for CAF assistance rapidly diminished. Consequently, discussions began between Comd JTFW and GOA to disengage CAF assets and turning flood mitigation efforts back to municipal and provincial control. The result of discussions was the “thinning out” of troops beginning at 1200 hrs that same day when 41 TBG and LdSH(RC) troops commenced redeployments to their home stations. At 26 1800 June 2013, a request to end the RFA was

submitted by the GOA and was subsequently approved. The following day, all CAF personnel were clear of the Joint Operations Area (JOA) by 1900 hrs. By 1200 on 28 June 2013 all CAF personnel and equipment had returned to home stations.

5. Key Observations

- a. Other Government Departments and Agencies (OGD&As) relationships and interactions. At the JTFW HQ level, primary means of communication with OGD&As was done by the integrated Dom Op Detachments augmented with intelligence personnel at the POC as well as frequent meetings by the Comd JTFW with his civilian counterparts. As much as possible, this face-to-face contact with local civilian agencies was also done at the local Emergency Management Organizations (EMO) by the deployed unit. When staff and commanders could not be physically present to coordinate with OGD&As, Blackberry smartphones were heavily relied upon for communications. The importance of JTFW Comd being able to interact with his civilian counterparts was underscored during the operation. Should the emergency have occurred in Saskatchewan or Manitoba, it would have been essential that Comd JTFW and a small cadre of supporting staff be forward deployed in order to link-in with the province; having Comd JTFW and key staff physically interacting with the provincial government was extremely effective in clarifying our capabilities and constraints.
- b. Collaborative Planning
- (1) The command driven nature of verbal orders passage from the JTFW Commander to his subordinate commanders ensured a strong direction and a quick response; however, there exists room for improvement in the follow-up written orders. In particular, the initial written fragmentary orders (Frag Os) did not reference a particular written operation order. In the future, Dom Op Frag Os will clearly reference COP WRANGLER, which is JTFW's standing Dom Op force generation plan. Additionally, COP WRANGLER is being updated and simplified to ensure that it is concise and accessible in order to be of use on short notice emergency response.
 - (2) JTFW HQ integrated well into the POC planning process, as did the deployed units with their own local emergency management organizations (EMO). Primarily, the co-located staff were able to advise the province on military capabilities as well as give clearly defined success benchmarks to allow the military to transition out. In addition, the CAF shared planning expertise and information with civilian agencies to help facilitate the planning process. This was especially evident in the addition of intelligence personnel to help turn the province's water level data and CJOC meteorological data into risk projections of future flood events in downstream communities. Furthermore, a JTFW planning team was deployed to the POC at times to aid them with key issues such as engineer capabilities.

- (3) The mission termination went smoothly in large part because of the lessons learned from Op LUSTRE during the 2011 Manitoba flood. Early and clearly defined mission transition criteria were prepared and disseminated to subordinate formations and provincial partners during the operation. The transition of assistance from military to civil resources was planned and briefed to the province early, tracked throughout and was executed promptly. CJOC enabled a timely CAF mission termination with clear guidance.

c. Command and Control (C2)

- (1) The decentralised and rapidly changing nature of the operation made the acceptance of a mission command philosophy essential. The scope of each commander's authority was clear, which resulted in a good use of initiative to aid the GOA while staying within the mandate of the RFA. At the regional level, the daily teleconference between Comds JTFW and CJOC, along with their supporting advisors, proved to be of great value. It allowed for timely decision making at the regional and national level and ensured that both headquarters' staffs were fully apprised of their commander's intent. Although C2 was generally successful, there was a difficulty separating the force generation and force employment of the Territorial Battalion Group (TBG) during the operation. The TBG was placed OPCOM to the Land Component Command (LCC), 1 CMBG; 41 CBG, in order to execute its force generation and administrative function throughout the operation, stood up a brigade headquarters co-located with that of the TBG. Being in close proximity, the TBG HQ fell naturally into keeping 41 CBG apprised of current operations and seeking advice from familiar superiors. While understandable, this arrangement created some blurring of the LCC and 41 CBG authority in CALGARY and increased the workload on the TBG HQ having to brief two higher HQs. In the future, the force generating brigade HQ should continue in their administrative duties to the TBG, but should not be co-located with the TBG HQ in order to ensure clear lines of command.
- (2) Having JTFW HQ located within the Area of Operations (AO) was of tremendous benefit. Pre-established liaison and relationships from Comd JTFW down and including the joint component (LCC, ACC, MCC and JSCC) proved invaluable. The value of having CAF representation woven into the fabric of provincial leadership and emergency management was proven during OP LENTUS as it allowed JTFW to be positioned to "lead from behind".

- d. Public Affairs (PA). As a supporting agency and not the lead organization, JTFW's PA posture was integrated and highly responsive to that of the Province of Alberta. The JTFW PA branch interacted closely with the POC from the outset of the operation, which helped to ensure that our formation's PA messaging was complementary and synched with the lead agency's. The importance of synchronizing messaging such as numbers of troops on the ground, equipment and activities was quickly identified and was coordinated through daily conference calls with CJOC, SJS, etc. Due to the decentralized nature of Op LENTUS, of particular importance were the Public Affairs Officers (PAO)

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detached to the unit level. These PAOs were able to provide guidance to local military commanders as well as some advice to local emergency management leaders unused to PA. The media promoted a very positive image of the CAF during Op LENTUS. Throughout the operation, the JTFW PAO sought to promote the primacy of the lead organization and had little trouble gaining positive publicity for the military as media outlets flooded the branch for photo opportunities and interviews. These opportunities were somewhat limited at times due to some areas in which the military were operating being off limits to the public. In situations where soldiers are isolated from the public, it would be of benefit to outfit forward deployed PAOs with equipment and means to promote the CAF image, e.g. BlackBerries with their camera and social media access enabled. PAO direction regarding media response lines were issued on a daily basis as the operation evolved.

e. Transportation. JTFW was able to quickly and efficiently transport soldiers to the flood stricken areas. The decision to deploy mechanized units with their LAV IIIs provided the military superior mobility through rough and hazardous terrain.

f. Capabilities and Equipment

(1)

(2) JTFW brought a significant amount of mobility capacity to provincial authorities. Mechanized units deployed with their LAV IIIs which allowed civilian authorities access to areas inaccessible by civilian vehicles. In addition, CAF helicopter and boat assets were on standby to augment in SAR tasks.

(3) JTFW was able to augment its bridging resource; 1 x Medium Girder Bridge (MGB) with an MGB and an Acrow Modular Bridge (AMB) from 4 Cdn Div and the Canadian Maneuvre Training Center. Although the bridges were not subsequently used on Op LENTUS, it was identified that the complexity of the Acrow Bridge would be problematic for a rapid build and would require specialized assets.

(4) The JTFW culture of readiness and preparedness was proven by Op LENTUS. The worth of recall exercises and readiness of the A and B vehicle fleets was essential to success and allowed for "forward leaning" early on in the operation.

g. Support and Sustainment. Support throughout the operation was primarily handled by a Forward Support Group (FSG) generated by 1 Service Battalion (1 Svc Bn). Subordinate formations and units were well supplied and equipped but it was quickly identified that a requirement existed for an additional organization to aid the FSG in its requests for additional divisional level support. 3rd Canadian Division Support Group (3 CDSG) created a Joint Task Force Support Component (JTFSC) in order to provide contracting, movement and land use support to the FSG in addition to ensuring that the support plan was in keeping with the overall priorities of the region.

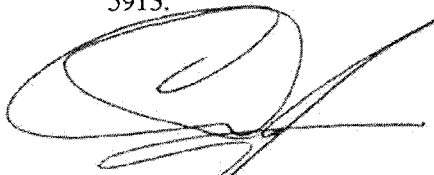
h. Legal

(1) Given the straight forward nature of the RFA and the deployed formations' familiarity with the region, there were minimal legal issues throughout the operation. During the deployment, it was noted that it would be beneficial to make available advice from JAGs to decentralized unit commanders on pressing matters such as land use agreements. Several instances occurred where units not familiar with use of non-DND land procedures inadvertently increased financial liability for the CAF. Additionally, a deployable role for Environment and Safety Officers will be written into COP WRANGLER in order to ensure that our in-clearance, out-clearance and spill response on non-DND land is institutionalized into the document.

(2) Although no breaches of the RFA mandate occurred, some uncertainty did exist within the units regarding what constituted an ALEA task. For example, there were instances where local commanders were approached by police and asked to establish road blocks, traffic control, etc, and nearly did so as they were not aware that this was not permitted. The development of a scenario based ALEA training package which clearly outlines what services we can provide to law enforcement would ensure a common understanding.

6. Conclusion. JTFW worked closely with the Province of Alberta to execute a very successful flood response. Op LENTUS validated our close integration with provincial agencies as well as our ability to quickly force generate and respond on short notice to crisis. Yet despite Op LENTUS' success, it must be remembered that the flood in Alberta represented our easiest domestic response scenario. The many lessons identified present an opportunity to continuously build upon our recent success in order to ensure that we are as capable as possible to aid Canadians whenever and wherever necessary.

7. All Op LENTUS 13-01 POR documentation can be found on the 3rd Canadian Division/JTFW SharePoint site. Any questions pertaining to this POR should be directed to my J3 Alberta Domestic Operations Detachment Commander, Major G.C. Robinson at CSN 528-5913.



J.C.G. Juneau
Brigadier-General
Commander

Enclosures: (3)

Annexes:

Annex A Op LENTUS 13-01 Force Disposition
Annex B JTFW HQ Lessons Identified Matrix

Distribution List

CJOC Ottawa//Comd/DCOS Ops Trg

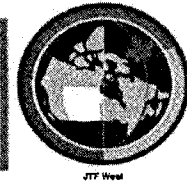
Information

NDHQ C Army Ottawa//CCA/Cos Ops/G3
JTFP HQ Esquimalt//Comd
JTFC HQ Toronto//Comd
List A
List B

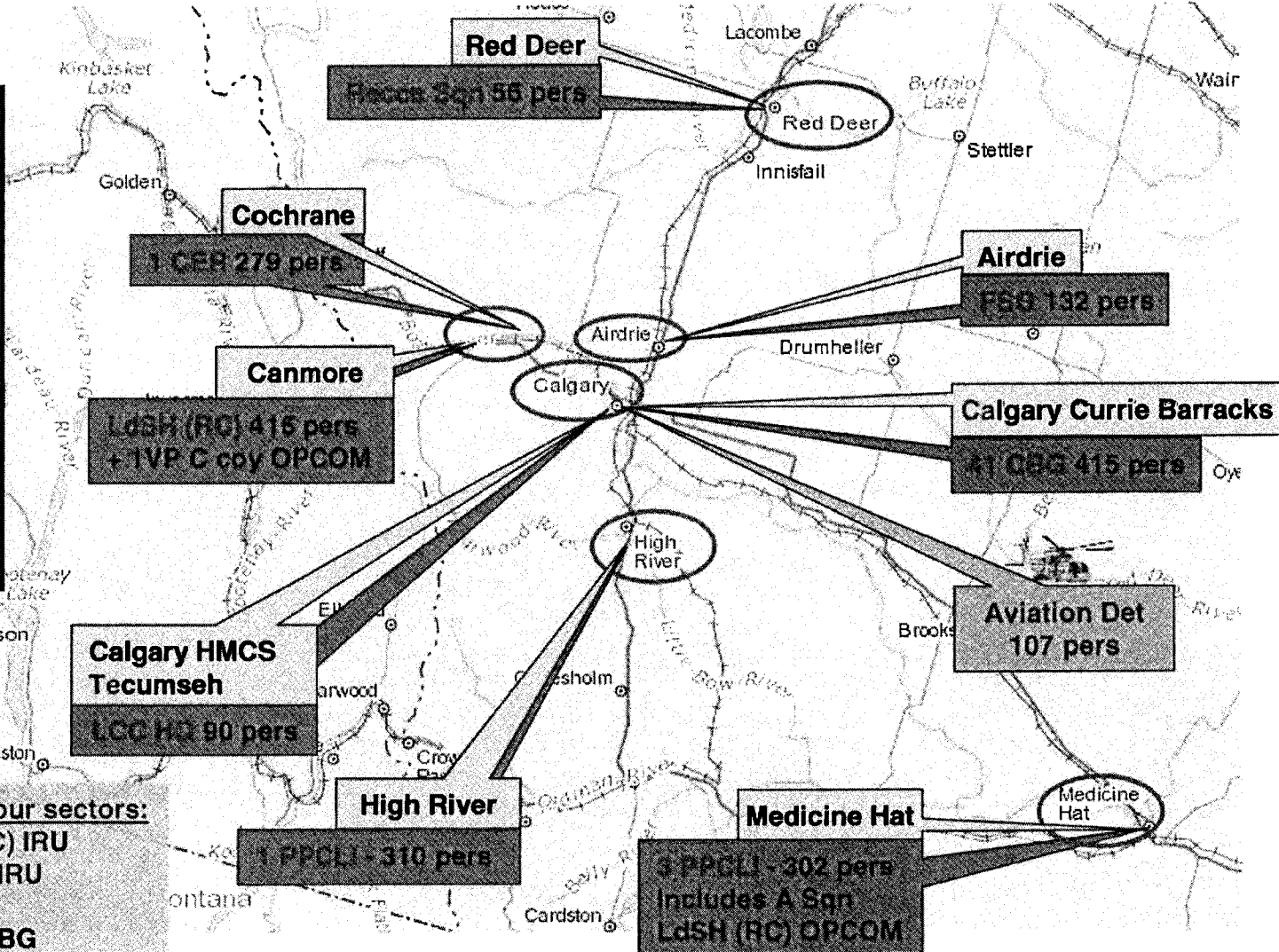
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OP LENTUS 13-01 Disposition



Fmn	Pers Disp
JTFW HQ	50
1 ASG	148
1 CMBG	1563
41 CBG	415
ACC	107
NAVRES	12
TOTAL	2295



1CMBG is divided into four sectors:
 Sector WEST – LdSH(RC) IRU
 Sector CENTRAL – 1VP IRU
 Sector EAST – 3VP IRU
 Sector CALGARY – 41 TBG

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Op LENTUS 13-01	Orders Distribution/Dissemination	All Phases	3 - Operations	Information Activities	O- Organisation	JIMO	Formal JTFW Orders were issued by a number of different individuals during the Op. There was no central individual or organization responsible within JTFW HQ clearly identified as the distributing authority for JTFW Orders. This resulted in orders and formal direction not being as consistently distributed. Accurate record keeping and collation of JTFW formal direction was not enabled by having multiple personnel distributing orders.	JTFW HQ would benefit from identifying an organization/position within the HQ to act as the centralized distribution authority for all orders leaving the HQ. This would ensure both that accurate records are kept and that signed orders are properly recorded and stored and that formal direction and orders are distributed as widely and as consistently as possible.	
Op LENTUS 13-01	LEGAD Class C Pay	All Phases	1 - Personnel / Administration	Admin - Personnel	P- Policy	JLEGAD	Class C Reserve pay needs to be clarified as LEGADs do not belong to JTFW so this cost is not obviously captured through JTFW costing.		
Op LENTUS 13-01	DOMOPS Claims SOP	All Phases	3 - Operations	Legal	P- Policy	JLEGAD	Priority should be given to creating a Claims SOP for dom ops, to include reporting of incident details to specified authorities (comd, local civ/pol, etc) as well as preservation of information and material pertinent to the claim. The tasking to units in this regard really only came after much of the operation had been completed.	Use AJAG W for legal advice on site agreements vice base properties officer.	Use of base/ASG properties officer instead of AJAG for site use agreements and "legal" advice should be avoided.
Op LENTUS 13-01	MYA	All Phases	3 - Operations	Legal	P- Policy	JLEGAD	By 25 Jun there were reports of several MVAs. It was not clear that these were being investigated and documented properly for the CAF (sep and apart from any report made to a local police force).	Military police should include AJAG on MP siteops during domestic ops.	Motor vehicle accidents need to be properly investigated and documented by the CAF for CAF purposes (i.e. substantiation of claims). There was no MP-JAG comms below the AJAG/CO 1 MP Regiment level.
Op LENTUS 13-01	Jurisdiction on Indian Reserves	All Phases	3 - Operations	Legal	P- Policy	JLEGAD	It appeared there was a total absence of understanding of CF authority to operate on Indian Reserve lands.	A briefing at the local or national level to RJTF commanders and ops staff on legal aspect of operations on Indian Reserve lands.	

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Op 1. LENTUS 13-01	<u>Civ-Mil Relationships at the Alberta POC</u>	All Phases	3 - Operations	OGD Relationships and Interactions	O - Organisation	J3	The working relationship between the POC staff and CAF Domestic Ops LO was very good. Many of the key staff at AEMA is retired military members and as such, this allows a better understanding and passage of information between the two parties. This in part is due to the fact that the retired military pers are familiar with CAF jargon and have a sound knowledge of military procedures. It was noticed however, that some AEMA staff that do not have a military background seem at times hesitant to deal with CAF personal and defer to their peers who were military at some point. More exposure between all parties at training events or real time ops will certainly alleviate this issue.	Maintain and work to improve the relationship between AEMA and CAF pers.	
Op 1. LENTUS 13-01	<u>POC Planning Capacity</u>	All Phases	3 - Operations	OGD Relationships and Interactions	O - Organisation	J3	Within AEMA, the plans shop is tasked to do current ops (during the event) and was not able to plan. This is an internal problem within AEMA. Some of this stems from the fact that most of the municipalities were fighting their own battles and as such, AB Govt didn't have op control over them.	Remain cognizant of this organizational structure and be prepared to assist as required. Recognize that emergency response at the provincial level is driven from the bottom up, not the top down.	Embedding staff with AEMA plans was a good idea. However, it did not seem that he was utilized by AEMA for that purpose. He worked more as a Sr LO who could report back to HQ for BUBs, etc. This seemed to work well.
Op 1. LENTUS 13-01	<u>PSC Presence at POC</u>	All Phases	1 - Personnel / Administration	OGD Relationships and Interactions	O - Organisation	J3	In the opening stages of the operation, representation from Public Safety Canada was not available to man the POC but they did provide an access number for assistance. This was the result of a shortage of manning within their department and was beyond the control of the PSC representative from the AB office. Ideally, all Fed partners will be present at the POC in times of notification.		
Op 1. LENTUS 13-01	<u>JTFW LOs to POC</u>	All Phases	3 - Operations	Liaison	O - Organisation	J3	During the flood, the J2 Ops imbedded with the AB Dom Ops LO within the POC. This had not been done previously but proved to work extremely well and assisted in providing situational awareness back to JTFW HQ. For future Domestic Operations, it would be prudent to continue with this practise as it will greatly aid in overall C2 and SA.	Need to improve Connectivity: A DWAN drop in conjunction with the AB Govt computer would be very beneficial. Presently there is only an AB Govt drop at the POC for DND use. Trying to work off of BB is not efficient to maintain DWAN connectivity. The RCMP work on two stations (their own and AB Govt).	

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									Within JTFW Dom Ops. It would be beneficial to have additional Dom Ops I/O trained officers (maybe Class A??) who could augment shifts, etc in times of AEMA activation. Dom Ops has no depth.	
Op LENTUS 13-01	J2 Relationships with OGD/OGA	All Phases	3 - Operations	OGD Relationships and Interactions	O- Organisation	J2	The J2 staff had already built relationships with ESRD, AEMA and other government departments and agencies. In addition the J2 staff worked closely with the J3 staff.	Sustain Liaison should be conducted throughout the year as establishing a relationship in a fast moving crisis is too late.		
Op LENTUS 13-01	PAO equipment shortfalls	All Phases	6 - Signals / Comms / IT	Equipment	M- Material	J PAO	PAOs deployed in directed support of OP LENTUS lacked the necessary IT equipment to file from the field.	Improve-	Combat Camera (CC) was deployed on this operation with two teams. They are nationally sourced.	
								a. Applications on BB (flickr, facebook, twitter) should be unblocked.	It took CC 24 hrs to get the first team on the ground and an additional 24hrs for the second team to arrive. The first 24hr of the operation are key, and that imagery/information was only available from the PAOs on the ground.	
							All PAOs deployed had DND Blackberries but the Facebook and Twitter applications are blocked. There is no Flickr application. As such, PAOs took imagery, sent it as an email to LFWA HQ and then the imagery/information was uploaded. This delays the distribution time considerably. To be relevant in social media, we must be able to put out imagery/information almost as the operation is unfolding.			
								b. X1 non-dwan laptop and x1 rocket stick to become part of standard deployable battle box for each formation.	Combat Camera travelled on their own (own rental) and stayed in hotels where they could get access to wifi. They are very independent and produced excellent video/stills which were shared with other media outlets, distributed on social media etc.	
									It is important to equip PAOs with the capability to file from the field because they are likely to be in location well in advance of CC arrival.	

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									Note - efforts to have the applications on BH unblocked have been going on for over a year. This is a national issue, but has received very little attention.
Op LENTUS 13-01	PAO at POC	All Phases	2 - Intelligence / Security / IO	Information Activities	O- Organisation	J PAO	<p>J PAO did not have a PAO established at POC.</p> <hr/> <p>Comms with POC comms was established through the phone, but SA of POC Comms activities not well passed on to J PAO.</p> <hr/> <p>Manning shortfalls did not allow for a continuous presence.</p> <hr/> <p>This lack of SA on POC Comms activities resulted in a lack of ability to fully determine where best to tap into press conference opportunities for Comd LFWA. Although Comd LFWA did conduct one press conference, other opportunities may have existed that were simply not capitalized on.</p> <hr/> <p>However, it must be noted the high media interest in this operation meant that media opportunities were plentiful at the local level. PA did not have to proactively seek out opportunities, as the volume of requests for media interviews with local commanders was steady throughout.</p>	PAO to link in better with LO (J3 Demand Ops) to gather info until a PAO can be made available visit POC.	
Op LENTUS 13-01	Media Response Plans	All Phases	2 - Intelligence / Security / IO	Information Activities	P- Policy	J PAO	<p>Media Response Plans (MRPs) were created and approved at the local level. The changing nature of the operation meant that the MRPs had to be updated regularly (daily).</p> <hr/> <p>The distribution occurred on the PA net.</p>	MRP distribution may be better done through a FRAGO to reach wider distribution, then relying solely on the PA tech net.	

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							<p>In Medicine Hat troops were in location before a PAO was deployed. Soldiers were conducting interviews without having had an opportunity to review the MRIs. Although no "issues" arose from soldiers speaking outside their lanes, the potential was there.</p> <p>Media reporting was confusing at time wrt numbers of troops deployed. As the number kept creeping up, different outlets reported different numbers. Consistency was difficult to achieve.</p>	
Op LENTUS 13-01	PAO relationships with Municipal Emergency Operation Centers	All Phases	2 - Intelligence / Security / IO	OGD Relationships and Interactions	O - Organisation	J PAO	<p>At the tactical level, the deployed PAOs had different experiences linking in with the respective Municipal Emergency Operation Centers.</p> <p>Canmore/Kananaskis - PAO did not have mobility and was not able to link in.</p> <p>Medicine Hat - PAO was deployed from Kananaskis to Medicine Hat and by the time she arrived, the troops were well location and numerous media interviews had already taken place.</p> <p>High River - PAO was deployed very early and linked in with EOC at the Fire Hall immediately. Town Commis manager was a great POC. Two pers from Provincial PA bureau were also in location. RCMP commis rep was also present. In all media interviews/access to site was very well coordinated in High River.</p> <p>Calgary - LCC PAO was augmented in. Link with FOC was not established. The large volume of media calls made it very difficult to cut away and establish the link. Probably some missed media opportunities with LCC Comd.</p>	<p>At the tactical level PAOs should be given resources (ie transport) to be able to link into FOC.</p> <p>Establishing relationships at the tactical level is required in future ops.</p>

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Op LENTUS 13-01	Use of Non-DND Land	All Phases	7 - Training	Operational Planning	P- Policy	J Enviro / Safety	Deploying lead and follow up unit staff were not familiar with the LFWAD on Use of Non-DND land (G3 - 02 - 016). This resulted in land use agreements being signed after occupation, and in-clearances of sites not being completed. This could lead to increased financial liability for the CF.	Provide avaid course to lead unit staff as they transition into the role and provide additional courses to 1 CMBG for Op staff to attend.	
Op LENTUS 13-01	Inclusion of Env and Safety Program into Dom Ops	All Phases	3 - Operations	Command and Control	O- Organisation	J Enviro / Safety	Although Env and Safety Programs are well integrated into the normal operations (incl indiv and collective training), Env and Safety have not been sufficiently integrated into emergency response or Dom Ops.	Expansion of role of the Chief B&S to include J Env/Safety responsibilities	Due to changes related to Transformation, Env & Safety are now its own unit. Under this new construct, Env currently does not have a "seat at the table" and is by default falling under the command and control of the Inrgs. By establishing Env & Safety with a J role, there will be increased authority to provide advice and direct the LCC and their Units.
Op LENTUS 13-01	Preparedness of Headquarters Env and Safety Staff to respond	All Phases	5 - Plans	Personal Protection Equipment (PPE)	O- Organisation	J Enviro / Safety	B&S needs to develop a branch emergency response and Dom Ops SOP. Although Staff responded to the situation adequately, several observations during the operations were noted. They included not having a pre-deployment kit in place, lack of PFB and identifying materials (jacket or shirts). It was also noted that Env and Safety could be utilized during the in-clearance phase if partnered with LCC and Property personal.	Development of an SOP for the new Branch which includes direction for responding to emergency or Joint Ops situations. The SOP would include (but not limited to) AOR, equipment to be prepared or collected (rental items such as PGL "Sniffers", Reports and Returns, Op Cover Manning,	
Op LENTUS 13-01	Updates to situation and other e-mail traffic.	All Phases	3 - Operations	Communication s	P- Policy	J Enviro / Safety	Due to the frequency and over communication of updates and situational briefs and information (which was good) there was some confusion as to what the newest or latest information as duplicate or replicate copies of information was sent from HQs (LFWA and ASG), Branches etc.	Develop a standard protocol for subject lines in e-mails which include the name of the operation, what the information is (sit rep, Op O, Admin Order etc), Originator, date and a numbering system. e.g.	
								Op Lentus 001	
									Sit Rep, LCC, 22132HZ JUL 13,

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Op LENTUS 13-01	Security Access	All Phases	3 - Operations	Communications	P- Policy	J Enviro / Safety	When assisting with out-clearances for deployed units, E&S staff were delayed when entering secure areas. Although being given contact information for local Military personnel this information was not provided to the RCMP or EOC staff.	E&S should provide Dom Ops with a list of the staff who need access to the site(s), so that this information can be communicated to local authorities and policing agencies.	
Op LENTUS 13-01	access to DWAN assets including Sharepoints.	All Phases	4 - Logistics	Communications	P- Policy	J Enviro / Safety	Due to the transient nature of E&S staff, the ability to access information held on the DWAN while deployed on ops is limited to being in locations where physical cable for internet use is available.	Discuss options with C6 to utilize WI-FI to access the DWAN in emergency situations either with Laptops or Blackberrys.	
Op LENTUS 13-01	Positive Linkages	All Phases	1 - Personnel / Administration	Other	O- Organisation	J Enviro / Safety	This operation continued the positive linkage between Engr and Env staffs as the branches worked together. In addition, the recent collaboration between Env and Safety Staff due to transformation was strengthened and developed positive synergy as the groups worked with their individual strengths as a team.	Continue good relations within and outside of the Branch. Expand the positive working relationship with LCC and PAO entities.	
Op LENTUS 13-01	Transfer of Kit	All Phases	6 - Signals / Comms / IT	Communications	M- Material	J6	Having equipment shipped from National can take considerable amount of time, even with overnight delivery via express shipment.	The quickest and simplest way to move equipment in absolute time of need is to have the equipment hand carried by a person on a CAL flight. This will ensure that proper handling and tracking of equipment throughout and will ensure that the AO receives the required equipment.	
Op LENTUS 13-01	Tasking of SSG	All Phases	6 - Signals / Comms / IT	Communications	O- Organisation	J6	LOT expedite requirements that require SSG to implement. CO 742 Sig Sqn asked to have SSG attached OpCon. While this was implemented and the Order signed by CDS on 24 June 13, there was some leaning forward that one could argue should not have occurred.	In the spirit of "One Team", elements of LIWA and SSG made this work seamless in the absence of proper Orders. To that end for future DomOps, LIWA recommends that a Memorandum of Understanding be pursued so that this activation of SSG under Army units will be seamless.	

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Op LENTUS 13-01	COMM STATE	All Phases	6 - Signals / Comms / IT	Command and Control	P- Policy	J6	Within LFWA G6 section, we were not comfortable with the level of fidelity that we had concerning how CIS resources were being used and supported by the LCC and the JSCC. There was confusion at times on how CIS resources were being used and on where the CIS priority of effort needed to be placed. For the Reserve units reporting to the LCC, there was no information on what COMMS assets they were using.	Within COP WRANGLER, there is a need to formalize a COMMSTATE report that units reporting under JTFW HQ are required to regularly update the CIS state. The LFWA G6 section will ensure it gets included in the COP.
Op LENTUS 13-01	Military Radio Crypto	All Phases	6 - Signals / Comms / IT	Communications	P- Policy	J6	All military radio traffic for this operation was unsecure. There is discussion within the G6 section on if the radio traffic should have been secured with crypto since it is assumed that some of the radio traffic might be considered sensitive WRT to it being released to the general public. With locally procured off-the-shelf radio equipment, civilians can listen to our unsecure radio traffic. An example of where radio traffic might be considered sensitive, are discussions concerning engineering analysis of civilian bridging and buildings is occurring or for matters concerning the physical security of a site.	This needs further discussion between the G6, G3, and LEGAD. If radio traffic was picked up by a civilian, it could be used to put the military at odds with the information that the province is releasing to the public. On the other hand, rented Motorola radios (and associated repeater) in Medicine Hat were greatly appreciated by the troops for their portability and ease of use.
Op LENTUS 13-01	LFWA HQ CIS stores	All Phases	6 - Signals / Comms / IT	Communications	M- Material	J6	LFWA G6 section was unaware with some of the CIS resources that were being held at LFWA HQ. For example, the LFWA HQ IOC had unprogrammed radio equipment that could have been of some use.	G6 section will conduct an internal staff check to clarify what exactly LFWA HQ is holding for CIS stores
Op LENTUS 13-01	SSG Comd relationship	All Phases	6 - Signals / Comms / IT	Communications	O- Organisation	J6	Several military members from SSG(West) were placed under temporary command of the JSCC to facilitate timely C2 for the completion of DOMOPs related tasks.	T ASG needs to provide AAR info on if this was found to be advantageous and if this needs to be further formalized with SSC for future DOMOPs.
Op LENTUS 13-01	JTFW Hot Wash Points to CJOC	All Phases	3 - Operations	Other	D- Doctrine	JTFW	JTFW Hot Wash Points presented via VTC on 10 Jul 2013 to CJOC. PPT presentation is at this link: http://104.20.108.101/ops/HQ/JTFW%20Hot%20Wash%20Points%20for%20CJOC%2010Jul2013.ppt	

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Op LENTUS 13-01	<u>Use of Joint Doctrine</u>	All Phases	5 - Plans	Joint Operations	D- Doctrine	COS	The designation and use of doctrine WRT Component Commands was significant to the operation as it allowed common understanding and imposition of order upon organizational chaos.	Sustain.	
Op LENTUS 13-01	<u>Comd Call with CIOC</u>	All Phases	3 - Operations	Command and Control	D- Doctrine	COS	At 0900 hrs each morning of the operation a teleconference occurred between the Comds of CIOC and JTFW. Also included on the "Comd Call" were staff fm CFACC, SJS and CFCC. It began with an update on the operation by Comd JTFW and then went round table and with concluding D&G fm the Comd CIOC.	This was extremely beneficial to get staff informed and recv decisions taken by Comd CIOC. It also allowed for the approval and coord of messages inside and outside of DND. In attendance for JTFW HQ was the Comd, COS, Legad, ACC, PAO and Engr.	
Op LENTUS 13-01	<u>Transition Criteria</u>	All Phases	3 - Operations	Command and Control	D- Doctrine	COS	The establishment and updating of transition criteria that painted a simple picture of the status of need for CAF resources in each AO was key to facilitating an informed and agreed upon ceasing of CAF involvement in the operation. The DBP, Maj Neuman holds the master copy of the tool used. This tool was used to communicate with both higher and lower HQ as and as importantly with Comd JTFW's provincial counterpart, the Minister of Public Safety.	Sustain.	
Op LENTUS 13-01	<u>ESCC at JTFW HQ</u>	All Phases	3 - Operations	Engineer Operations	O- Organisation	COS	There was confusion about which engr were working for which HQ. Specifically was the Alingr staff working for JTFW HQ or JSCC HQ?	Upon activation of a domestic operation Comd 3 CDSG should provide engr personnel to form a JEgr Cell at JTFW HQ, while at the same time retaining enough engr advisors to facilitate his own operations as Comd 3 CDSG and JSCC. CFTPO augmentation fm CMTC should be considered.	
Op LENTUS 13-01	<u>Legal Advice to Formations</u>	Ph 1 - Warning	3 - Operations	Legal	O- Organisation	J1LEGAD	It would have been beneficial to have a LEGAD assigned to the forward deployed elements initially to provide tactical level legal advice and have visibility on the ground.	LEGASD to be called immediately when fan out occurs. AJAG phone number is in JTFW JOC, should be in 1 CMBG JOC.	It is difficult to provide timely legal advice where it is needed with the communication time lag at the intermediate headquarters level.

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Op LENTUS 13-01	Parallel LAC within AFMA	Ph 1 - Warning	3 - Operations	OGD Relationships and Interactions	O- Organisation	J3	During the early stages of the flooding, there seemed to be parallel lines of communications at the managerial level regarding a potential RFA. The POC Ops Staff were unaware that discussions were being conducted at a higher level to initiate the RFA. This caused some initial confusion but was likely purely the result of the fast nature of the event and forward leaning.	
Op LENTUS 13-01	PAO MRLs to advise OGDs re CAF Capabilities	Ph 1 - Warning	3 - Operations	OGD Relationships and Interactions	O- Organisation	J3	Although not identified to the Dom Ops LO until the concluding moments of the operation, it was suggested that the PAO should provide MRLs in the early stage, which will outline what capabilities we can provide. This will manage expectations to some extent from the other GofA partners in the future.	From PAO: It was not communicate from J3 to PAO that there was a difficulty managing expectations on what support would be provided to the OGDs. Providing a list of equipment/specific capabilities ahead of time is perhaps putting CAF in a difficult situation. We need to understand the tasks first, before we start promising capabilities. The MRLs that were produced daily spoke to the support we were providing in broad terms (i.e. mobility by providing LAVs, and boats). Recommendation - if a specific MRL is required to address a particular persistent concern, the concern must be communicated early to the PAO.
Op LENTUS 13-01	LEWA HQ recall	Ph 1 - Warning	6 - Signals / Comms / IT	Admin - Personnel	O- Organisation	J6	Key G6 staff was not called in to work at the start of this operation to facilitate the provision of CIS requirements of the IRU and subsequent units that deployed. There were instances where the first time LEWA G6 staff learned about the operation was from getting BB e-mail RFIs from 1 CMBCG pers.	LEWA HQ should quickly recall their HQ pers when the IRU deploys.

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Op LENTUS 13-01	SSC emergency preparedness	Ph 1 - Warning	6 - Signals / Comms / IT	Communication s	O - Organisation	J6	Within the LPWA G6 section, we have no visibility on what the SSC emergency plans/processes are for DOMESTIC emergencies. Wrt this operation, the G6 section believes that we were very fortunate that this operation was not initiated during the weekend since it is unclear if the SSC would have been able to mobilize to support us during off-work hours.	This needs to be investigated at the National level by the CJOC. Within LPWA, the LPWA G6 section will inquire this with SSG (West). However, we must also mention that the speed and level of service that were offered to us by SSC and some communication companies actually exceeded our expectations. We must now obtain some confidence that those service levels could be repeated if needs be.
Op LENTUS 13-01	Loc of JTFW HQ	Ph 1 - Warning	3 - Operations	Liaison	D - Doctrine	CO5	The benefits gained in mutual trust and understanding by being able to conduct face-to-face meetings with provincial counterparts located only minutes away fm the JTFW HQ in Edmonton was invaluable. This occurred prior to, during the and post-RFA.	Where possible HQ JTFW should be co-located with the respective POC. Alternatively should deployment of the entire HQ not be possible/desireable, the establishment of a HQ forward should be considered.
Op LENTUS 13-01	6 Int Coy House Generation	Ph 2 - Mounting	3 - Operations	Reserve Force	O - Organisation	J2	The FG of the TRG from 41 CBG did not include the IST from 6 Int Coy. This caused some confusion as 6 Int is under command LPWA, and does not have a command relationship with 41 CBG. This results in a delay of the IST FG to link up with the TRG.	A formal relationship is required between 6 Int Coy and the TRGs, or specific inclusion of 6 Int Coy must be made in any FG order to activate a TRG.
Op LENTUS 13-01	Sourcing of Instructors	Ph 2 - Mounting	6 - Signals / Comms / IT	Communication Systems(Radio)	M - Material	J6		

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Op LENTUS 13-01	Sourcing of LCS kits	Ph 2 - Mounting	6 - Signals / Comms / IT	Communication s	M- Material	16	On 23 June, LFWA CCO requested to CJOC that additional LCS kits (x2) be sent to LFWA. Although the request was directed to CJOC it was also carbon copied to the other Area's CCOs. Through this informal staff check on the CCO network, one of the Area CCO committed to supporting JTFW with its needs.	Given that DomOps can occur with next to no notice, and that requirements can change in a very fluid manner, it is recommend that the sourcing of additional equipment be re-evaluated. Recommendation from LFWA/JTFW is that a National stockpile of equipment be identified for use in augmenting JTFW CIS assets for use in DomOps. This is to include Iridium, Line Storcs, and means for the provision of DWAN (LCS, NGIRI, VPN, etc). There needs to be very specific NTM timings for the provision of this equipment. Additionally, this resource must have a very quick activation timeline WRT any technologies that need to be activated via non-DND outlets (ex activation of sim cards and rocket sticks). These items need to be part of a solution, not an additional problem for the receivers	

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Op LENTUS 13-01	<u>Sourcing of Line Stores</u>	Ph 2 - Mounting	6 - Signals / Comms / IT	Communications	M - Material	J6	After the setup of the LCC in the JOA, 1 Sigs put together a list of Line Stores that would be required for replenishment of their used stock and the rest tactical board. This request was sent to CJOC on 24 June with JTFW receiving direction on 25 June to purchase this requirement locally. In past conversations with CJOC on the matter on Line Stores, JTFWA was advised that if we require Line assets in support of DomOps we would receive these assets from National stock in a timely manner. In practice we were told that our requirement would take approximately 5 - 7 days to reach JTFWA.	Given that DomOps can occur with <i>next to no</i> notice, and that requirements can change in a very fluid manner, it is recommended that the sourcing of additional equipment be re-evaluated. Recommendation from JTFWA/JTFW is that a National stockpile of equipment be identified for use in augmenting JTFWA CIS assets for use in DomOps. This is to include Iridiums, Line Stores, and means for the provision of DWAN (LCS, NGIRL, VPN, etc). There needs to be very specific NTM timings for the provision of this equipment. Additionally, this resource must have a very quick activation timeline WRT any technologies that need to be activated via non-DND entities (ex activation of sim cards and rocket sticks). These items need to be part of a solution, not an additional problem for the receivers.	
Op LENTUS 13-01	<u>Land Use Agreements</u>	Ph 3 - Deployment	5 - Plans	Infrastructure	P - Policy	J1, J3, J4, J5	Land use permission from an appropriate land owner/land controller was an issue. Bde HQ staff had prepared the appropriate documentation but units that deployed pre-Bde HQ (1 dSB and 1 VP) did not appropriately use the land use agreements or the process. As a result, confusion has resulted at the conclusion of the Op as to what the arrangements were/are. This may result in substantial claims against the Crown.	Use appropriate land use agreements (or in an emergency situation, any arrangement) when securing a location for units and assets. Use of base/ASG properties officer instead of AJAG for site use agreements and "legal" advice should be avoided.	Use AJAG W for legal advice on site agreements vice base properties officer.
Op LENTUS 13-01	<u>Command relationships</u>	Ph 3 - Deployment	6 - Signals / Comms / IT	Command and Control	D - Doctrine	J6	The LCC was corresponding directly to Army HQ and the CJOC for their CIS requirements rather than going through JTFW HQ during the start of the operation. This was quickly corrected, but it caused confusion at the various levels of Command.	Command relationships needs to be made very clear to the formations at the earliest opportunity	

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Op LENTUS 13-01	EOC Logistics	Ph 4 - Employment	3 - Operations	OGD Relationships and Interactions	O - Organisation	J3	There was initially some confusion with the AB logistics staff in dealing with CAP. Although, they were certainly eager to assist and willing to learn, at times it appeared that they were not clear on what they needed to ask or do. Likely this was due to rapid onset of the event and general confusion at the start. The development of a performat would expedite the process in the future (ie, who, what, when and where material is required).	Perhaps a template as to what info is required would help them in future ops.	
Op LENTUS 13-01	Command Relationship	Ph 4 - Employment	3 - Operations	Command and Control	O - Organisation	J2	The intelligence architecture and the command chain were not synchronised. The deployment of 41 CBG HQ caused some confusion in the reporting chain as it was not expected, nor known to have deployed by the JTFW J2 or J1 ASIC. The TBG IST was required to support 41 CBG HQ as well as the TBG, which strained its capacity.	The deployment of a CBG HQ in a force employment role should be deliberate and reflected in orders.	The established chain of command must be clear to allow the required reporting and support chains to function effectively.
Op LENTUS 13-01	Working as a RTTF HQ	Ph 4 - Employment	3 - Operations	Joint Operations	D - Doctrine	J2	LPWA HQ appeared slow to move into a force employment RTTF role - i.e. JTFW HQ. Staff seemed unfamiliar with working in a joint headquarters or working at the operational level. In the first few days some junior staff officers were unaware that there was even an ACC and ACC. Some of this was evident in battle updates where watch officers labelled units and formations under their FC construct (e.g. 1 CMBG, 1 ASG and 408 Sqn). Even fewer personnel understood the ACC, how it differed from the ACCE, what it consisted of and the C2 role with the CAOC.	Comd CIOC's mission is to develop, generate and integrate joint force capabilities. When called upon to be employed as a RTTF we must meet this mission. Recommend HQ professional development which might draw on the SOODO and Joint Doctrine series (Operations and Domestic Operations).	These observations are not surprising given the size of our military and the fact that junior officers in Edmonton typically only have tactical experience at the unit, BG or CMBG level. JTFW HQ was a joint HQ. Arguably it also operated at the low-operational level. The HQ had an expanded operational area, expanded planning-horizons and a POL-MII dimension that may not have been present at the unit/component level. It also conducted and sustained multiple operations to achieve strategic goals.

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Op LENTUS 13-01	<u>Confusion w.r.t. to the role of SAR</u>	Ph 4 - Employment	3 - Operations	Command and Control	O - Organisation	J2	Confusion initially abounded with the SAR request by the RCMP in High River. Some members of the staff thought that this was an incorrectly staffed RFA.	Nothing precludes the use of CAF assets under appropriate authority to save life or limb. In this case SAR was requested by an on-scene GGD partner, RCC Treason on the authority of the JFACC deployed SAR similar to how it would be deployed in other JTF AOs under the appropriate authority. The difference was that Comd JTFW was not the SAR Comd (as is the case in JTFP and JTFA). It was unclear whether Comd JTFW then declared a regional rapid response operation (RRO) thereby assuming Comd of all joint forces - or whether these assets were instead cut to JTFW by JFACC (OPCON to the JTFW ACC).	
								Better understanding of domestic operations C2 can be achieved through HQ professional development. This should include joint force C2 at the JTFP and CJOC levels.	
Op LENTUS 13-01	<u>Mission Transition Criteria</u>	Ph 4 - Employment	5 - Plans	Campaign Objectives	D - Doctrine	J2	Mission Transition Criteria prepared by the Area Business Planner was an extremely successful measure of an operational level HQ translating the tactical actions of the components to the strategic military objectives articulated by the CDS and CFDS. It also had the added benefit of guiding the Commander's engagement with the Province of Alberta (through the Minister of Municipal Affairs) and charted an exit strategy that was objective, measurable and easy to understand.	Sustain	An operational HQ links the objectives of tactical engagements (those conducted by the LCC in Calgary, High River and Medicine Hat along with the ACC) and the strategic military objectives articulated in the Canada's First Defence Strategy (CFDS) and direction provided by the CDS. These Mission Transition Criteria essentially served as operational level objectives which conceptually linked tactical military actions with the strategic level ensuring that Op LENTUS met strategic success.
Op LENTUS 13-01	<u>REA Procedures</u>	Ph 5 - Redeployment	3 - Operations	Legal	D - Doctrine	J LEGAD	The awareness among the JTFW staff of the importance of the proper RFA documentation, including close out procedures, was a positive.	A visit by the IMO, Capt Long, to AJAG office to brief on LFWA Shurepoint would help.	
Op LENTUS 13-01	<u>Spill Response Preparedness</u>	Ph 5 - Redeployment	4 - Logistics	Logistics Support and Sustainment / CSS	P - Policy	J Enviro / Safety	Units deployed without the proper type of spill absorbent material and without sufficient quantity to respond to minor POI spills.	Each vehicle should carry sufficient amounts of response materials to deal with several minor spills (less than 5L).	FWSG should hold additional absorbent materials to issue when requested through Log Ops. As an example 1 VP requested additional absorbent materials through Log Ops, which was not filled. The unit only had limited amount of soil absorbent material which is not suited for use on hard stand (pavement). The result was that the unit had to conduct additional work to remediate the spills that occurred at the site.

Air Component Coordination Element (West)
Joint Task Force West / 3rd Canadian Division HQ
10305-152 Ave, Edmonton, Alberta,
Canada T5E 2S2

3385-1(Op LENTUS)

28 Aug 13

Distribution List

POST OPERATION REPORT (POR)
OP LENTUS 13-01: ACCE (W) SUPPORT 20-25 JUN 2013

BACKGROUND

1. On 20 June 2013, unforecasted, catastrophic flooding began to occur in Southern Alberta. Several communities were significantly impacted in the early stages of the flooding, most notably Canmore, Calgary, and High River. The first indication that the Canadian Forces (CF) had as to the severity of the situation, came as a result of the High River RCMP detachment contacting the Joint Rescue Coordination Centre (JRCC) in Trenton directly to ask for assistance. The JRCC immediately began to task SAR resources (2 x CH-146 from 4 Wing Cold lake and 2 x CH-149 from 19 Wing Comox) to rescue civilians trapped by the rising water and in imminent danger.

2. The SAR efforts began in the early evening of 20 June and carried on throughout that night, augmented by a CC-130 out of 17 Wing Winnipeg to provide night illumination. While much of the initial effort was focused in the community of High River, urgent evacuations in areas west of Calgary, such as Canmore and Kananaskis, were also carried out. JTFW HQ was made aware of the SAR callout and began to make inquiries of the provincial authorities as to whether a Request for Assistance (RFA) was forthcoming. It was not until well into the evening of 20 June that the Alberta Emergency Management Agency (AEMA), and the Provincial RCMP Headquarters were able to gather sufficient information from their regional detachments to make a recommendation to the Premier for CF assistance. The CF received a formal RFA from the province on the morning of 21 June.

AIM

3. The aim of this report is to identify significant Op LENTUS 13-01 Post Operation Points from the Air Component.

COMMAND AND CONTROL

4. As explained in the previous paragraph, CF support to the floods began as a SAR, initiated by a local RCMP detachment. The initial deployment and employment of those SAR aircraft was done under the C2 of the JRCC. Upon receipt and acceptance of the Provincial RFA on 21 June, CJOC was given responsibility to provide CF support and conduct a domestic operation, identified as Op LENTUS 13-01.

5. Comd JTFW was designated by Comd CJOC to be the Joint Task Force Commander. Comd 1 CAD/CFACC assigned OIC ACCE(W) as the Air Component Commander (ACC) for the operation, and chopped all air and aviation assets OPCON to the ACC as of 211613Z Jun 13.

These assets included the four previously mentioned SAR aircraft, as well as an additional 4 x CH146 from 408 THS Edmonton. The decision to consolidate all aviation resources, including the SAR aircraft, under the ACC provided Unity of Command, and was essential to the cohesive C2 of the Joint Task Force. While there was some minor confusion during the transition from SAR to Domestic Operation, once communications were established and processes relayed to the flight crews, the TOCA was quickly and effectively implemented. The role of the Air Component would be to support the requirements of the task force, primarily the Land Component and the Command Staff, as well as requests from various provincial agencies who had been stood up within the Provincial Operations Centre (POC) in Edmonton.

AIR COMPONENT MANNING

6. ACCE(W) personnel formed the core of the Air Component staff, co-located with the JTFW staff in Edmonton. In addition, the G3 Avn and G3 Air from 1 CMBG were absorbed into the ACC staff to act as LOs and Air Component taskers, embedded within the LCC HQ in Calgary. Those personnel were augmented by ACCE(W) reserve personnel and a SAR LO provided by the 442 Sqn detachments. Due to the short duration of this operation, the manning level of the existing ACCE(W) staff, combined with the G3 Air/Avn pers from 1 CMBG, was adequate. Had the operation carried on longer, it would have been necessary to seek qualified personnel to augment, either from flanking ACCEs or from the Air Div. The ACC was not assigned a continental staff per se, rather support from A1, A4, A6, etc was in the form of reach back to the CAOC. For the most part, that process worked well and the Air Div staff were outstanding in their responsiveness to the needs of the task force. One possible improvement however, would be to deploy an A4 Logistics officer to co-locate with the ACC. Having that expertise on staff, with that individual then having reach back to the Air Div, would have been most valuable. As it was, the JTFW G4, in liaison with the 1 CAD A4 staff, were able to provide the necessary level of support to the Air Component.

7. JTFW positioned an LO within the Provincial Operations Centre (POC) to facilitate a military/civilian interaction with the various provincial agencies represented there. In retrospect, positioning an Air Component LO within the POC would likely have resulted in greater awareness, and therefore greater usage of the CF aviation resources by the provincial agencies, and it is highly recommended this be considered for future operations.

COMMUNICATIONS

8. Since the ACC detachment was embedded within the LCC at HMCS Tecumseh in Calgary, the primary form of communication was landline. Communications with the crews and detachment commanders was done primarily through the use of Blackberry cellular phones. However, the cell phone usage was sometimes slow due to the high volume of calls in the Calgary area in the early stages. Additionally, throughout the operation, reports were received about cell phone towers out of service due to flooding of the supporting generators. This raised concerns about a back-up plan using Satellite telephones. Only the CH-149 crews from 442 Squadron deployed to the operation with Sat phones.

9. Future consideration should be given to the procurement of Sat phones that could be placed on the ACCE(W) Distribution Account for special use operations. This would ensure constant communications between the aircrew and JTF HQ in any future eventuality.

AIRCRAFT ALLOCATION

10. The ACC was delegated OPCON of the eight helicopters on 21 June. In addition to the initial rescue missions, the SAR helicopters were also tasked to maintain a 30 minute standby posture during night time hours in Calgary and, eventually, in Medicine Hat, as the threat of more flooding moved eastward. On 23 Jun 23, the ACC staff also requested the tasking of a CP-140 through the CAOC, to conduct an Intelligence, Surveillance and Reconnaissance (ISR) mission over the AO to provide aerial photography of the devastation. This data was downloaded by the All Source Intelligence Centre (ASIC) technicians in Edmonton and shared with the JTF HQ, LCC and the POC.

11. The serviceability of the aircraft throughout the operation was exceptional. One CH-149 was unserviceable for one day but returned to operational status after a Mobile Repair Party (MRP) was flown in from Comox on a CC-150 that was transiting through the AO. 408 Squadron utilized the proximity of their location in the AO to rotate aircraft throughout the operation to ensure that they maintained four serviceable aircraft available at all times.

12. The crewing of the aircraft was well planned for the initial stages of the operation. With the number of aircraft in the AO, the ability to ensure that one aircraft type was available for response while adhering to crew duty regulations was not difficult. However, had the duration of the operation been extended, additional crew rotations/augmentation would have been necessary.

TASKING OF AIRCRAFT

13. Prior to commencement of Op LENTUS, the CF SAR aircraft, operating under the JRCC, were moving through the AOR and using various local aerodromes. Once the TOCA was signed, it was decided to draw all assigned air and aviation resources to Calgary International Airport (CIA). There was a transition period on 21 June in which the SAR assets still responded to SAR requests from local agencies, even though they were now OPCON to the ACC. By the end of the day that the TOCA was issued, all aircraft were RON in Calgary. This was done to improve communications, and to consolidate assets in an effort to simplify tasking and provide better situational awareness. Furthermore, requests for SAR tasks had largely ceased by this point, replaced by requests for reconnaissance and aftermath support. The ACC decided to deploy an air desk forward and employed the G3 Air and G3 Avn, who deployed with 1 CMBG, to receive RFEs from the Land Component and task the required resources.

14. The ACC retained tasking authority for the Provincial Operation Centre (POC) requests while the air desk in Calgary tasked and informed the ACC of LCC requests. Confusion did exist when local authorities approached the LCC LOs for aviation support, who then staffed these requests directly to the air desk under the presumption that it was a Land Component task. It was decided that the SAR assets would primarily be utilized for more specialized SAR tasks and were placed on 24/7 status to support any urgent SAR or evacuation requirements. The much publicized extraction of approximately 120 handicapped and special needs individuals from the William Watson Lodge, carried out in conjunction with the LCC, highlighted the exceptional capabilities of the CF aircrews. The Griffon aircraft were used primarily for utility tasks, mostly in direct support of the task force. Due to the size of the AOR, which spanned some 400 kilometres between Canmore and Medicine Hat, the ACC eventually detached 2 x CH-146 further east to support the LCC activities in the Medicine Hat area.

SERVICE SUPPORT

15. Due to the fluid nature of the operations, it was essential to fall into existing facilities and infrastructure to the maximum extent possible. Calgary International Airport was a logical choice from which to stage the aviation detachment as it afforded the real estate to park aircraft, an operations area for the crews, plus a maintenance hangar and aircraft fuel. Note that it was identified early that some small airports in the AOR were being depleted of fuel, a situation which was monitored closely and contingency planned, as this had the potential to be a single point of failure. As the focus of the flood shifted east, it became apparent that reliable fuel availability would be required in the Medicine Hat area, so a contingency plan was devised to deploy a fuel bowser from Edmonton. This logistical support requirement is one example where having an A4 on the ACC HQ staff would have been very useful.

REPORTS AND RETURNS

16. The daily reporting of flying times and types of missions flown by the aircrew were a concern throughout the operation. This information was initially gathered by the ACC detachment after gathering data from the aircrews. The data was then compiled on a spreadsheet and sent to the JTF HQ at the end of the day and subsequently used to complete the daily SITREP that was forwarded to the CAOC. Since the operation ran 24/7 and some of the crews flew through the night, and the fact that the flying times are calculated using UTC, discrepancies arose in daily flying times that were collected by the Air Component staff forward in Calgary. There were also some discrepancies with the types of missions flown and the number of personnel hoisted and transported. Significant forensic accounting eventually captured accurate data, however this issue could be easily solved by the development of a mission pro forma to be completed by the aircrew after every flight and collected by either the Air Component staff or the JTF HQ. The form would include all pertinent information necessary to complete the DSR and to brief the JTF Comd at the update briefings. A complete and accurate table of mission data is included as Annex A.

CONCLUSION

17. Op LENTUS 13-01 was a successful, no notice CF Domestic Operation, which saved both lives and property and provided much needed support to the Province of Alberta during this natural disaster. The Air Component played a key role throughout this operation, from the rapid initial response of the SAR helicopters, to the critical mobility of the task force into flooded areas inaccessible by other means. This operation relied heavily on air power to enable success. In the aftermath of this event, the unique capabilities and expertise of the air component have been widely recognized and acknowledged by the Comd JTFW, the LCC, and the Province. Every unit and individual who deployed as part of this operation can be justifiably proud of their vital contribution in winning what the Comd JTFW has referred to as "the Home Game."

K. Kimpinski
Lieutenant Colonel
Officer-in-Charge
Air Component Coordination Element (West)

Annex A - Op LENTUS 13-01 Aircraft Statistics

Distribution List

Action

1 Canadian Air Division HQ//Comd/DComd FE/Dir CAOC/DLLO//
JTFW HQ Edmonton//Comd/COS/J3/J3 Ops//

Info

1 CMBG HQ Edmonton//Comd/G3 Avn/OC TACP//

ANNEX A to
 3385-1 (A3 OPS)
 Dated 28 Aug 13

OP LENTUS 13-01 AIRCRAFT FLYING TIMES													
Squadron	Aircraft Type	Tail Number	20-Jun	21-Jun	22-Jun	23-Jun	24-Jun	25-Jun	26-Jun	Total	Total Missions	Pers Trspted	Hoist/Rescue
408 (THS) Sqn	CH 146	413		1.8	0.0	0.5	4.8	0.0	4.8	11.9	6	16	
		449		3.7	3.8	0.0	5.3	0.0		12.8	6	24	
		452		4.5	3.4	3.7	0.0	0.0		11.6	5	19	
		469		1.8	5.3	4.1	1.4	0.0		12.6	7	34	
		441		0.0	0.0	4.3	1.3	2.5		8.1	2	20	
		495		0.0	0.0	0.0	1.8	1.9		3.7	2	5	
Total									60.7				
417 (CSS) Sqn	CH 146	403		5.9	4.2	0.0	3.2	4.4		17.7	12	2	1
		417	7.6	2.1	2.1	0.0	0.0	2.8		14.6	9	2	9
Total									32.3				
442 (T&R) Sqn	CH 149	903	9.5	9.2	9.0	2.4	0.0	5.5		35.6	8	81	19
		907	5.1	2.7	0.0	0.0	5.0			12.8	4		
Total									48.4				
407 (MP) Sqn	CP140					9.9				9.9			
435 (T) Sqn	C130			9.6						9.6			
437 (T) Sqn	CC150				2.1					2.1			
Total		Daily totals	22.2	41.3	29.9	24.9	22.8	17.1	4.8	163.0	61	203	29



National Defence

Défense nationale

41 Canadian Brigade Group
 Headquarters

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3350-1 (G3)

16 August 2013

Distribution List

POST OPERATION REPORT
OPERATION LENTUS JUNE 2013

1. The Provincial Government of Alberta requested the Department of National Defence to provide emergency assistance to the civilian authorities in Southern Alberta. Emergency Evacuation Orders were issued on 20 June 2013 in response to severe flooding in the Bow Valley region of Alberta. This evacuation notification included civilian occupied areas in the Bow Valley Basin: the Bow River, the Elbow River, Sheep River and the Old Man River. These evacuation zones included the City of Canmore, Kananaskis Valley, the Cities of Calgary, High River, and Medicine Hat, the towns of Eckville and Bragg Creek, and the Morley & Siksika Native Reserves.
2. Commander of 41 Canadian Brigade Group (41 CBG) received a telephone call at 20 1750 June 2013 from the Commander of Joint Task Force West (JTFW). This verbal warning order was to initiate battle procedure to deploy the Primary Reserves of 41 CBG and place them on a 12 hour notice to move "complete". Commander 41 CBG was to Force Generate and stand up the Alberta Territorial Battle Group (TBG): Task Force SILVERTIP (TF S). Forthwith, TF S was placed OPCOMD to 1 Canadian Mechanized Brigade Group and was assigned their Area of Operations (AO), the City of Calgary, Alberta Canada.
3. COP WILDROSE is 41 CBG's plan to mobilize TF S in the case of a domestic operation under COP WRANGLER and as such, outlines the requirement to have the TBG placed on 24 hours notice to move in 24 hours of activation. During Op LENTUS, 41 CBG stood up TF S with over 520 soldiers in 24 hours, and were ready to deploy at that time. TF S staff training, Bde professional development in the preceding months, and LFWA led Exercises DOMESTIC RAM 12/13 proved extremely beneficial to the preparedness level of the TF. TF S's Area of Operation Responsibility (AOR) was the City of Calgary and was considered as the "Home Game" for 41 CBG. The proximity of the personnel to the AOR reduced the CSS load, yet the rapidity at which the TBG was mounted created immediate, yet short term logistics issues in the areas of rations, equipment preparations and refueling. Overall, 41 CBG and TF S performed remarkably, under an extremely quick and disastrous situation.

4. This OP LENTUS Post Operation involving the Officers and soldiers of 41 CBG was compiled from a number of AAR conducted with all levels of soldiers, the TBG leadership, and the branch staff of 41 CBG HQ. It involves a summary of their observations, and offers some Lessons Learned and recommendations.

//original signed//

R.C. Boehli
Colonel
Commander

Annexes

Annex A – Post Operation Report Matrix

Distribution List

Commander/Division Sergeant Major/Chief of Staff//3rd Canadian Division
Commander/Brigade Sergeant Major//1CMBG/38/39 CBG/3 DISGP

Annex A to
 3350-1 (G3),
 16 Aug 13

Op LENTUS 41 Canadian Brigade Group Post-Operation Report
OBSERVATIONS AND RECOMMENDATIONS

SER	OBSERVATION (Staff or Unit)	RECOMMENDATION (BDE HQ)	LCC COMMENT	OPI
WARNING AND PREPARATION				
1	Readiness Trg in 41 CBG proved successful (Dom RAM 12, Dom RAM 13, Ex SHARPENED SILVERTIP and PD for TBG) This leadership was key to 41 CBG readiness and all were well prepared.	Dom Ops continuation training proved to be very effective. Staff training enhanced the skill level of key TBG personnel and the exercises/PD provided great insight into the FG and FE of the TBG and DRCs. Specific issues highlighted in the FE outlined the requirement for more effective coordination between the TBG and those key civilian agencies that we would support (CEMA) in order to enhance capability awareness.		
		Standing up of the 41 Brigade TOC needs to be rehearsed bi-annually as it is a key component in the standing up of the TBG. More focus should be given towards training of duty staff and proper staff functions during an Op.		

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2	<p>The generic TF S CFTPO was created by JTFW to create a common look and feel for Comd JTFW. This CFTPO brique proved inadequate as it lacked key positions and sufficient numbers against which to put TF S personnel.</p>	<p>On order 41 CBG was called out in its entirety to deal with the flood situation. Over the previous year, 41 CBG spend significant efforts to create a realistic TBG model, complete with C2, CSS, staff and enablers to effectively mobilize the TBC. The generic CFTPO brique provided by JTFW did not reflect the required number of positions that 41 CBG called out, nor did it reflect the organization needed to effect C2. It is highly recommended that a Bde specific ORBAT is created, with the flexibility to adjust the numbers/positions (at the Bde level), depending upon the operation and availability of soldiers. Units must prepare their personnel for specific roles to ensure equipment, vehicles and comms eqpt is properly prepared and deployable as needed.</p>		G3
		<p>Key leadership should be the only ones identified/maintained as all others will rotate frequently, creating an administrative burden to maintain awareness.</p>		
3	<p>The TBG orbat lacked some key positions. These include an Adjutant, Chief Clerk, proper Admin Coy Svc Support (S4)</p>	<p>41 CBG will review the orbat to ensure key positions are included, and that it remains flexible to meet the changing fluid situations in Dom Ops.</p>		G3
4	<p>Commander 41 CBG warned off his branch staff early prior to Verbal Wng O from Commander JTFW.</p>	<p>The early and proactive approach by Comd 41 CBG ensured all key TBG leaders were aware of the impending operation. While no commitments were made, leaders commenced the warning phase of the Op, which ultimate lead to a quick turnout of soldiers. Sustain</p>		Comd/G3

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5	Wng O was issued from JTFW via a direct call from Comd 3 Can Div to Comd 41 CBG. This initiated Battle Procedure and direct fan-out of Reservists.	Area HQ verbal orders direct to 41 CBG Commander effectively launched a formation into an emergency Dom OP. Battle Procedure was effective – Wng O and Planning Guidance was out and communication worked fast considering the distances and locations of 41 CBG areas in Alberta & Yellowknife. Units responded with their own fan-outs – this system worked effectively as 529 all ranks & 81 vehicles were part of the 22 Jun 2013 Daily Situation Reports (DSR).		Comd/G3
6	Written Wng O from 3 Can Div arrived to 41 CBG 2 days into the operation. Written Admin O from 3 Can Div arrived at 41 CBG 3 days after Op LENTUS had commenced	The release of a written Wng O and Admin O from higher should be distributed much quicker. Specific issues regarding the age of pers permitted to deploy, as well as those pers who would be placed on a Class C terms of service should be clarified upon the commencement of the Op and not three days into it.		Comd/G3
7	41 CBG HQ (G3): CFPTO Build should not demand individual names in all positions of the TBG. The many hours to create the TBG organization went out the window when the call-up occurred. Orbat was not adhered to due to flowing nature of Reserve FG, the personnel available to deploy, individuals that showed up to help, and the Reservists that were fanned-out by Alberta sub-unit leadership.	Priority of Effort to CFPTO should be to identify Reserve Leadership only in the TBG. RSOM(I) at 41 CBG HQ footprint must be established quickly and efficiently.		G3

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8	Preparation of vehicles, equipment and rations. Eqpt holdings of eqpt specific to Dom Ops in 41 CBG are low. Additional eqpt has been requested but is not in the system.	The rapid onset of this flood greatly reduced the time to prepare and kit out pers and vehicles. Despite this, and as the Op continued, specialized eqpt was prepared and brought into the AOR. IAW COP WILDROSE, the TBG is not normally required to deploy until 48 hours after call-up. As a result, rations were unavailable and an SOA was called up to provide box lunches for the TBG. A holding of rations at each Armoury will enhance the rapid deployment and sustainability of the TF.		G4
9	Blackberries and social media proved successful for comms during Warning and Preparation	All available comms capabilities must be utilized in this stage of the Op to garner maximum participation.		G6
10	Standardized / template notes for employers. Stress that initiative expected of resevists to inform / remind their civilian employers/supervisors of their role and the expectations when called out. More time was required for employer notification (a call out late Thur PM for a Fri PM mounting).	CFLC produced letters (post-op) for all soldiers/units to provided to civilian employment agencies. These letters are now on file and will extremely usefull in future Dom Ops to ensure PRes pers can easily fill their mandate with full compliance and understanding from their civilian employers.		G1/PAO/CFLC
		CFLC sets up representation in the AAG. Information in support of the soldier is collected – occupation, employer’s contact information. If necessary, CFLC rep will contact employers to reinforce the importance of support to the CF member/ their civilian employee and to thank them for the release of their employee.		

Annex A to
 3350-1 (G3),
 16 Aug 13

**Op LENTUS 41 Canadian Brigade Group Post-Operation Report
 OBSERVATIONS AND RECOMMENDATIONS**

DEPLOYMENT				
SER	OBSERVATION	RECOMMENDATION	LCC COMMENT	OPI
1	RSOM at 41 Service was well rehearsed and executed. They conducted effective In-clearance of various sub-unit members from Yellowknife to Lethbridge. This was essential to build the TBG in time to react to the emergency. DAG – CFLC member to be present at RSOM to support soldiers that are taking time away from their civilian occupation and/ or educational institution. Contact can be made on their behalf.	TOC needs to be part of the TBG Build. TOC requires trained (Pres)AOC qualified personnel. TOC needs the OPS O to lead, not try to do everything. Brigade HQ needs to run separately from the TBG TOC but support it in a mentoring and sustainment capacity.		G1
2	By not having the soldiers sign in on a Class A paysheet at the ASC prior to departure, they were not covered should they have had an accident on a road move. The Reserve Pay System is not part of Regular system. Class C requests needed to be processed immediately.	At the very least, deploying soldiers should have signed two days of Class A paysheets signed in the event of an accident or injury prior to their contracts being accepted by the system. A paysheet can always be destroyed after the fact if it is superseded by another class or form of service (ie Class A route letter). Early guidance from CJOC and JTFW would ensure pay and proper coverage for a deploying soldier.		All units
3	Excellent work by all Reserve Chief Clerks in 41 CBG demonstrating strong Unit cooperation. Soldiers showed up with docs in place. Waivers in-effect for medical, dental and fitness - good for 72 hours.	RSOMI is essential to make the G1 tasks effective and ready "Good-to Go". Create a "Deployment" SOP and distr to all 10 Reserve Brigades.		G1
4	HMRS Access – only provided to specified people? This was a big G1 and 41 Svc concern.	HRMS Global Access needs to be given to all clerks in all locations. This slowed down G1 processes,		G4

Annex A to
 3350-1 (G3),
 16 Aug 13

5	There are not enough drivers to bring all of the necessary equipment to Calgary. The Static Kit which could have been used in this particular deployment had to be left behind because of the lack of MSVS drivers. DDC is also causing pers with 404s to still not be able to drive without this requirement.	MSVS Drivers are proving to be in short supply. DDC is important to be issued to the units as soon as possible after completion. A greater effort to ensure sufficient qualified drivers exist in the Bde to meet the demand.		G4/41 Svc Bn/All units
6	CEOIs were lacking. There were no frequencies, call signs were duplicated and there were no RRB instructions.	G6 needs to address these issues with a proforma template. It is suggested that a standing CEOI be created and a "commo card" be issued tailored to the Op. Call signs should be issued to TF SILVERTIP and be permanent.		G6
7	Maps were lacking, and not the same standard	Provide a pool of maps for each Armoury, this capability could include electronic files and a plotter, and/or electronic maps saved to tablets.		G3/G4/G5
8	Dom Ops kit should include 'civilian equipment' (hand held radios, search lights, etc)	additional Op stock basic kit is required to support Dom Ops. Although it has been requested, it is not likely forthcoming due to shortages in the system.		G4

Annex A to
 3350-1 (G0)
 Op LENTOS 41 Canadian Brigade Group Post-Operation Report
 OBSERVATIONS AND RECOMMENDATIONS

EMPLOYMENT				
SER	OBSERVATION	RECOMMENDATION	LCC COMMENT	OPI
G2	1 Due to the inexperience of the TBG staff, information/intelligence collected was not effectively disseminated to the TBG.	Command Posts were not used effectively by the TBG staff. Blackberries and cell phones while effective in certain circumstances, constantly bypass the formalized system of data collection. Duty Officers did not know how to action the information provided, resulting in poorly disseminated information. Further staff training in CP operations is a must.		G2/G3
G3	2 Mission Command: The 1 CMBG Commander gave the AO, of the City of Calgary, to the Reserve TBG CO; who did the same to sub-unit commanders. This proved to be very successful - engineer tasks, recce tasks, sustainment - service support, etc.	Staff training conducted during Ex SHARPENED SILVERTIP in April 2013 provided a useful training tool for the TBG staff and sub-unit commanders to understand the TBG CO's leadership and command style. This Ex should be repeated by any change in TBG CO and key sub-unit commanders.		Comd
	3 Command Relationships - TF S was OPCOM to 1 CMBG. 41 CBG HQ and Armoury Support Centers were key to PRes administration, sustainment, and ongoing reconstitution, tasks that 1 CMBG is not capable of effecting.	Careful consideration of the command relationship must be given to ensure all aspects of PRes admin is covered. 1 CMBG does not have the resources to administer a PRes unit therefore the administration remains the responsibility of 41 CBG to complete. This blurs the lines between the FG and FE aspect of the responsibilities.		G1
	4 The TOC requires a Sr NCO Sig as a TOC Detachment Commander -	Currently there exists no position to have a Det Comd in the TOC. The Sig Sgt and the Sig WO will be too busy maintaining signals, there needs to be a separate position to man this station. This will allow for positive control of TOC access, cleanliness and organization. Add this position to the CFTPO brique if required. This also brings the point that items like a "TOC" need to be formally named in the TF SILVERTIP to alleviate confusion as to their purpose and location.		G3/G6

Annex A to

<p>3355 16 Aug 12</p>	<p>5 Some 41 CBG units became confused when units were OPCOM to TF S and then similarly TF S was OPCOM to 1 CMBG. 41 CBG's role remained one of FG yet some units continued to seek guidance from 41 CBG HQ instead of TF S HQ</p>	<p>Doctrine clearly defines what the implications of the various command relationships mean. Further training and education is needed so units and staff understand the implications and the expectations of the units involved and the relationships between the TF SILVERTIP HQ, 41 CBG HQ and the LCC.</p>		<p>G3</p>
	<p>6 Organization of the TOCs were confusing to some of the sub-units.</p>	<p>Both 41 CBG HQ and TF S HQ TOCs were co-located in the computer lab of 41 CBG HQ, in order to take advantage of the DWAN system, television networks and the ability to feed CNR into the room. This co-location caused additional confusion with some units and blurred the lines between FG and FE responsibilities. Further clarification/training is required.</p>		<p>41 Sigs/G3/G6</p>
	<p>7 The Province asked for Military assistance - not the City (city did not want mil assistance)</p>	<p>Early and direct liaison with applicable CEMA organisations to portray what recce can bring to bear to compliment their assets. Offering to participate (high level) in these organisations' exercises to build rapport would be useful for all parties. Future iterations of Ex SHARPENED SILVERTIP and Ex DOMESTIC RAM must include participation from all EMA resources to build better relationships and strengthen the understanding of capabilities.</p>		<p>G5/G3</p>
	<p>8 Military seat at the Calgary Emergency Management Agency (CEMA) must be positioned early in the Operation and due to changing circumstances in an emergency recovery event to continue in SITU until civilian authorities no longer require them.</p>	<p>CEMA needs to have a broader conceptual awareness and understanding of how military planners can assist them – even if simply providing advice. CEMA/other orgs must be incorporated into future training/PD opportunities.</p>		<p>G3</p>
	<p>9 Support of first responders</p>	<p>Many deployments may be straight into operations in support of first responders. Joint training on SOPS for link-up with municipal and local authorities would facilitate a faster transition into operations. This must be incorporated into future training opportunities.</p>		<p>G5</p>

Annex A to

3350 16 Aug 13	Decision to leave SALH (A Sqn) in situation in Medicine Hat instead of deploying them to Calgary.	Some members of this Sqn are also first responders and offered key information on the impending flood situation in Medicine Hat. Comd decision was made to ensure a foot on the ground was made so the Recce Unit could provide real time info to the Bde. Fortunately, once the LCC directed the PPCLI BG to move to Medicine Hat, there was a footprint from 41 CBG on the ground to receive them and orient their efforts.		
G4	11 Sustaining manning has been one of the biggest Regt Ops challenges. The initial thrust of pers was excellent but as pers are required to return to their civilian jobs it is a challenge to maintain numbers.-Sustainment would have been very difficult for this operation. Three days into this operation we were maxed out of available personnel. There would have been a substantial drop had the Op not drawn to a close.	This comment is conjecture. The Op was successful in that 50% of 41 CBG's effective strength deployed in 24 hours and completed the mission. While sustainment is always a challenge with PRas domestic deployments due to work commitments, CFLC or PAO could support the sustainment through letters to employers asking for additional time off for the member that could be immediately emailed or faxed to the employer once the info on the employer is gathered by the ASC personnel in the AAG process. Letters were created post-OP to thank employers for their support.		CFLC/PAO
	12 Requirement for TBGS4/ Admin Officer and staff to support him.	A more robust S4 branch is required to support the TBG. Rations, transport, fuel, stores etc become too much for one individual to be responsible for. Changes to the CFTPO brique will be recommended.		G4
	14 Wrecker in Edmonton in 2 nd line repair state. 2nd one dispatched to Calgary.	priority of work to repair this vehicle.		G4
	15 Rations: arrived on time. 72 hours of food. Required more due to size of Reserve numbers. LFWA very supportive.	The higher than expected turnout of the 41 CBG personnel (+500 VS CFTPO of 327 pers) required additional deliveries of rations. It is recommend that IMPs are used throughout first 72 hours of Dom Ops. While Operational Kitchen Trailer "Flying Kitchen" are the best option, 41 CBG does not possess any qualified/employable cooks. In this Op IMPs were the best option.		G4

s.15(1)

Annex A to

16	Emergency Stores available at 41 CBG in Calgary. Use of caterer and civilian resources was required.	The rapidity at which TF S was recalled and deployed greatly reduced the time to provide essential/emergency stores in Calgary usch as cots, water, and rations. Consideration must be given to holding an emergency allotment of these stores during potential Dom Ops high risk timeframes. (floods/fires)		G4
17	All Reserve and Regular maintainers connected to repair vehicles, fix amb, etc. doing their trade in real-time support – the Reserve Service Battalion demonstrated that they can support the TBG and interact with 1 Svc Bn to provide daily sustainment tasks.	Recommend that 1 Svc Bn continue to liaise and work closely with Reserve Sustainment Bn, – this is a force multiplier.		G4
18	Command Posts must be repaired to ensure TBG C2 is effective.	CPs should be given higher maintenance priority for repairs by Bde as 4 x Command Posts are under repair.		G4
G6				
19	Rather than using CNR or reporting communications issues, C/S were relying on texting their TOC counterparts. This meant that there was a lack of information in the common operating picture and that none of this information was being logged. Troops felt like they were providing the communications, but it was not being used effectively.	The reliance on civilian infrastructure sources for information passage is a point to point method only and does not keep the net all informed. Calls to Blackberries in the Calgary area from Edmonton were dropped two or three times before completion. Texting can work as long as it joins into a duty center and is treated like a message, however in most instances it is not. This is a REAL ISSUE on keeping communications moving forward and needs to be addressed at the command level. Op stock cell phones (with cameras) and phone lists for key positions		All units
22	G6 has limited assests to support TBG, ie. Shortage of Laptops. Cell phones did most of communications amongst TBG leadership and patrols.	A larger entitlement of Command Posts, along with positional accounts will ease the communications difficulties and permit a quick and easy ramp-up.		G6
23	Frequencies were not allocated effectively to 41 CBG and the TBG until 2 days into the Op. Frequencies should have been pushed to 41 CBG HQ in order to support the TBG.	1 CMBG did not plan for TBG Frequency needs. G6 went to Chief Comm to get authority for more frequencies to be released to the TBG.		G6
25		TF SILVERTIP plan created should include an HF backbone, and then it must be employed.		G6/All units

Annex A to

PAO	1 (G3), 16 Aug 13			
29	41 CBG HQ PAO was unclear of working relationship with 1 CMBG and TBG. 1 CMBG was supported with PAO from 41 CBG. PAO had kit ready to go, but resources for media processes were not available. PAO had to use personal items to "jury-rig" processing of photos. 41 CBG HQ assigned 2nd PAO to work within Calgary AO.	Coordination of accurate and timely information needs to be re-assessed – PAO tech net worked, but was not aligned with G3 shop of 1 CMBG. 41 CBG provided Tactical Operations Centre updates to the PAO which should have come from 1 CMBG to the assigned PAO. Again, this lack of coordination blurred the lines between FG and FE responsibilities.		
26	IA Assets including CIMIC were not present nor in the TBG CFPTO	41 CBG could support the TBG with Influence Activities (IA), to include the assigning of 2x CIMIC Tms and PAO. Their efforts could influence public perception and assist with MRL and key messaging.		COS
28	"Canada Lands Corporation" offered 41 CBG/TBG use of other lands and parade square beside the 41 CBG HQ and the 41 Brigade footprint.	LO to coordinate with Civilian authorities – Suggest Influence Operations/CIMIC teams be made available from 41 CBG HQ.		G4
31	While the PAO integrated well with TBG, it is equally important to ensure the FE element maintained PAO capability throughout.	41 CBG PAO to have Image Tech equipment, Cbt Cameras, Promote Link to the Community – Reservists stories, working together with regular forces. Include reservists PAO in all aspects of Dom Ops. "Although not a Reserve Story" it is hard to dispute over 500 Reservists working in the Calgary AO. Personal relationships of TBG Commanders at all levels facilitated support of TBG to the PAO.		PAO
HSS	32 PMED inspection of 4 x 41 CBG water trailers was never completed which resulted in jerry cans being filled with water and purchasing of water bottle supplies.	During a flood situation where clean water sources can jeopardized, water trailers must be inspected for use early and therefore PMed inspectors must be tasked early during the Wng phase.		G4

Annex A to
 3350-1 (G3),
 16 Aug 13

**Op LENTUS 41 Canadian Brigade Group Post-Operation Report
 OBSERVATIONS AND RECOMMENDATIONS**

REDEPLOYMENT				
SER	OBSERVATION	RECOMMENDATION	LCC COMMENT	OPI
1	RSOMI was required throughout entire OP: tracking of soldiers, medical forms, Casual Land Duty Allowance, CFLC, MFRC	Lesson Learned: Maintain and operate RSOM 24/7 and through all stages of the Operation.		G1
2	Creation of a Ops file so others can refer to operation history, legal aspects, & lessons learned. Officer assigned to collect POR points from Brigade and TBG leadership.	All HQ branches contribute to the POR along with the TBG.		G3
3	1 CMBG Commander arrived to thank troops – Face-to-face leadership and moral support of troops enhances morale and re-affirms that they are making a contribution!	sustain		Comd
4	The drop-in visit of the Mayor and Fire Chief to talk to the troops. This promotes positive CF values and reinforces contribution of reserves in the link to the community. Good for soldier morale.	sustain		PAO
5	CFLC representative 41 CBG wrote letters to thank employers.	Civilian Employers are an important part of the Reserves. Timely thank you and support letters and/or certificates of cooperation and thanks for their support in their reserve soldiers. A local initiative to thank the employers for the support to their Reservists would serve to strengthen the relationships.		SOC



National Defence

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3000-1 (G3 Ops 2)

September 2013

Distribution List

OP LENTUS – POST OPERATION REPORT (POR)

References: A. 3350-1 (G3 Ops) JTFW Op Order 01 – Op LENTUS 13-01 dated 23 Jun 13
B. 3350-1 (G3 Ops) JTFW Mission Termination Order 01 – Op LENTUS 13-01 dated 27 Jun 13

1. General. In response to a Request for Assistance (RFA) from the Province of Alberta and direction received from Comd JTFW, 1 CMBG deployed IRU elements on Operation LENTUS throughout Southern Alberta from 21 – 27 June 2013. IRU elements established themselves in the areas of CANMORE, COCHRANE, CALGARY, HIGH RIVER, AIRDRIE and MEDICINE HAT in order to provide support to the most affected areas of the Province.

2. Observations. I believe the work of 1 CMBG soldiers throughout Op LENTUS was critical to the overall provincial emergency response. Many valuable lessons have been captured from the 1 CMBG elements that were deployed on Op LENTUS in the form of the 1 CMBG Post Operational Report (POR), found at Annex A. I would like to touch on two crucial areas:

a. Coordination with civilian agencies. Communication and liaison with all levels of Provincial emergency authorities was integral to the success of CAF operations. Specifically, the integration of CAF Liaison Officers (LO) directly within the Emergency Operation Centres (EOC) in HIGH RIVER and CANMORE were noted as extremely effective means of deconflicting CAF and civilian agencies' efforts. By involving robust CAF command and control elements into the EOC, 1 CMBG IRU elements were much better able to ensure tasks were distributed and their soldiers remained meaningfully employed in support of Provincial emergency efforts.

b. Communication. As 1 CMBG deployed rapidly to Southern Alberta, each of the IRU BGs possessed few reliable means of communication over such a large region. Specifically within the CANMORE IRU AO, internal communications remained unreliable in such rugged mountain terrain. Further, throughout the 1 CMBG AO as whole, communication between elements often relied upon DND Blackberry. Although 1 CMBG was able to overcome these difficulties, it should be noted in future that one of the major shortfalls identified was an inability to communicate effectively between headquarters. In order to mitigate these concerns on a future IRU response, a robust UHF capability should be assigned to the IRU Vanguard element. Units selected for IRU high readiness require a dedicated data SATCOM capability in order to allow for familiarization training and to limit delays in their establishment of connectivity once deployed. Additionally, a standing interoperability solution with Provincial Motorola networks needs to be pursued with the applicable agencies throughout the AO.

1/2

3. Conclusion. Op LENTUS reinforced and validated existing IRU deployment procedures throughout 1 CMBG. The rapid response and deployment of 1 CMBG was an overwhelming success. The motivation and initiative consistently demonstrated by each of the IRU elements was outstanding, and undoubtedly reflected positively on 1 CMBG and the CAF as a whole. Should you have any questions about the content of this POR, please contact the 1 CMBG G3 Operations, Captain John Croucher, and (780) 973-4011 extension 1694.

D.J. Anderson
Colonel
Commander

Annexes

Annex A – 1 CMBG Post Operational Report Matrix

Distribution List

Action

3rd Canadian Division HQ//Comd/COS/G3

Info

1 CMBG HQ//COS/G1/G2/G3/G4/G5
List A//Ops Os

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Annex A - 1 CMBG Op LENTUS Post Operational Report Matrix

SER	ORIGIN	OBSERVATION	RECOMMENDATION	COMMENT	OPI
1	1 CMBG HQ - G1	The requirement to submit multiple returns on separate report chains caused discrepancies in the information being reported. The process for reporting to our higher HQ needs to be streamlined, so as to avoid any potential for information being lost and save a duplication of effort between staffs.	Although it was attempted, it must be requested to JTFW HQ that our critical returns to higher HQ be done on an all informed net (i.e. Ops chain). PERSTATES are requested in a DSR and separately on a (PDS) Personnel Daily Summary.		
2	1 CMBG HQ	The decision for the use of A Vehicles throughout all IRU elements was left to Comd 1 CMBG. The decision to deploy IRU elements proved to be an excellent decision for a variety of important reasons.	With the deployment of A Vehicles, individual sub-units were enabled and left with additional transport assets by having the vehicles throughout. This greatly increased the ability for CAF response to local RFAs in each of the respective IRU location. The deployment of integral A Vehicles should remain case dependant, however based on the overall experience throughout Op LENTUS, it should be considered immediately upon receipt of a Provincial RFA.		
3	1 CMBG HQ	At the initiation and during the execution of Op LENTUS, the Domestic Operation intelligence architecture was developed based on immediate conditions and not according to any established SOPs. Though ultimately successful, future domestic operations would benefit from a more refined set of SOPs to streamline and simplify the establishment of intelligence architecture and common understanding of responsibilities. The nature of intelligence support provided during these types of operations necessitates a different construct than developed and exercised during R2HR training for FSOs.	SOPs for intelligence support to Domestic Operations at the Bde and Unit level should be further developed/reviewed. Though they constitute a flexible start state with the ability to task-tailor, they should incorporate the following: 1) Intelligence Architecture - based on the HQ element that is being deployed, what is the anticipated structure of the G2 Intelligence Support Team (IST) (manning and equipment) and how will information flow between intelligence organizations; In general, the deployment of a light G2 IST forward with the ASIC remaining rear should be sustained for this type of operation; 2) How are responsibilities delineated between Area J2 Staffs and ASIC; 3) SOPs established to draw support from National levels (how it is requested and how they respond); 4) When employing ISR assets, what is the construct for Processing, Exploitation and Dissemination (PED).		
4	1 CMBG HQ		If possible, UNCLAS networks (likely DWAN) used during domestic operations should include at least some of the operational functionality present in LCSS - including an all-informed chat program. Positional accounts for key individuals should be in place prior to commencement of an operation. Though an extremely useful tool, BB should not be depended upon as the primary means of communication between units and Bde HQ. Deployed elms should be prepared to provide their own independent digital communications not reliant on civilian infrastructure.		

Annex A - 1 CMBG Op LENTUS Post Operational Report Matrix

s.15(1)

SER	ORIGIN	OBSERVATION	RECOMMENDATION	COMMENT	OPI
5	1 CMBG - LdSH(RC) IRU				
6	1 CMBG - LdSH(RC) IRU	Reporting and Info Collection - During Op LENTUS, information and intelligence flow was predominantly downwards from higher HQ. Less focus was dedicated to the collection and upwards passage of information valuable in building situational awareness. With significant forces on the ground and regular movement through respective AOs, deployed elements provide a valuable information collection asset to enhance situational awareness at higher levels. This SA and understanding can then also be shared with partner agencies.	As part of DomOp SOPs, intelligence support teams should continue to conduct conventional practices such as patrol briefing/debriefing and routine reporting. Ability to collect hand-held imagery would also be of great value. This would greatly assist in developing situational awareness and understanding ground truth. Similarly, areas of operations and interest should be clearly delineated and understood.		
7	1 CMBG HQ	There does not exist a centrally held and managed stock of emergency response/domestic ops equipment. The purchase of flood response equipment, such as hip waders, was thus necessitated on short notice. Much of this equipment already exists and is currently held by units previously deployed as IRU. A centrally managed stock would mitigate the requirement to purchase new eqpt for every incident.	1 CMBG should utilize MSA Stores, Sup Coy, 1 Svc Bn, as the central manager of dom ops eqpt. Collect eqpt currently held at 1st line units should be centralized for a more effective means of distribution throughout 1 CMBG during an IRU response.		
8	1 CMBG - 3 PPCLT IRU	IRU callouts in Alberta tend to be centered around two main events. Floods and fire. Pre-emptive holdings of stores associated with those two major events should be created to alleviate the immediate burden placed on the supply system during rapid IRU response.	Pre-emptive holdings of flood mitigation stores. HESCO, hip waders, sandbags, etc. The same process could be applied to fire fighting stores: Fire brooms, re-fillable water extinguishers.		
9	1 CMBG HQ	Units required second line replenishment within the first 24 hours, specifically fuel and G&T. The IRU should be able to sustain itself for 72 hours, as written in the IRU deployment order. The G&T shortage was exacerbated by the fact that 1 CMBG had just finished a full high-readiness training cycle.	Planners at all levels must be cognizant of training tempo, and particularly its affect on IRU readiness.		
10	1 CMBG HQ	Linkage to OGD/OGA were at JTFW and Unit level, there was no direct linkage to OGD/OGA at the LCC level. This restricted any planning at the LCC HQ level to be more reactive vice attempting to forward plan and warn off units of potential tasks.	Where possible a linkage to OGD/OGA at the LCC level would allow for more responsive planning as well as reacting to developing situations.		

Annex A - 1 CMBG Op LENTUS Post Operational Report Matrix

SER	ORIGIN	OBSERVATION	RECOMMENDATION	COMMENT	OPI
11	1 CMBG HQ - G4	Deployment preparations - Upon receipt of a Wng for OP LENTUS there was the requirement to develop the deployment plan and define routes, staging areas and waiting areas. With this Op being conducted within AB and along what should be considered normal transiting lines (Edmonton-Calgary or Edmonton-Medicine Hat), there should have been predetermine locations and routes to the major centres.	Within COP Wrangler or additional 1 CMBG IRU instructions there should be identified potential deployment routes with predetermined staging areas for deployments out of Edmonton. These should identify normal transiting routes Edmonton to Southern AB, Saskatchewan and BC. This would save time in searching for land clearances while attempting to deploy. Likewise, there should be predetermined routes based out of Shilo.	1 CMBG G3 - This concern will be resolved when the 1 CMBG IRU instruction is revised in the Fall, in order to update all relevant information for IRU response.	
12	1 CMBG HQ	Land use permission from an appropriate land owner/land controller was an issue. Bde HQ staff had prepared the appropriate documentation but units that deployed pre-Bde HQ (LdSH and 1 VP) did not appropriately use the land use agreements or the process. As a result, confusion has resulted at the conclusion of the Op as to what the arrangements were/are. This may result in substantial claims against the Crown.	IRU elements will be better instructed on the appropriate land use agreements (or in an emergency situation, any arrangement) when securing a location for units and assets.		
13	1 CMBG - PAO	Proactive PA Posture - Proactive engagement with media was not authorized. This was a short operation with many moving parts in many locations. When PAOs were made aware of opportunities for media to cover operations, it would have been advantageous for PAOs to contact reporters to pitch those opportunities. Waiting for reporters to identify their own stories resulted in some CAF operations going unreported.	Proactive engagement with media should be authorized. By allowing a proactive posture, PAO elements embedded directly within IRU elements would be in a better position to shape media response to local issues. This would have been especially effective throughout Op LENTUS, as IRU units were spread across a large AO and were working directly with a variety of civilian agencies.		
14	1 CMBG - PAO	A clearer understanding of the wording within the RFA would have allowed a better assessment of tasks by the BG. A number of tasks that were requested by the Special Tactical Operations (STO) Command of the Royal Canadian Mounted Police (RCMP) as well as the Municipal Officials within the Emergency Operations Centre (EOC) fell outside the mandate of the RFA. Proactive disclosure of the exact wording would have allowed BG analysis to determine early on, the nature of the tasks acceptable within the provision of the RFA.	Where possible, extracts from the RFA, or the complete RFA, should be included in the initial warning order to allow units to lean in to the problem they are tasked with. This will eliminate misinterpretation of constraints, and work to prevent errors once sub-units are deployed conducting tasks.		
15	1 CMBG - 1 PPCLI IRU	It was imperative that the BG leadership became acquainted with the dynamic when supporting Municipal and Provincial Emergency Management Services. Despite the military capacity for Command and Control and the considerable horsepower for planning and executing a multitude of tasks at a high tempo, the ultimate arbiter of progress and success resided within the civilian organizations that are the representatives of government. There was a strong desire at times from the Municipal/Provincial authorities for the BG to simply make decisions regarding sequence for Search and Rescue, etc. Ultimately, the civilian authorities were better served with advice and consultation that set up practices that they could implement within their respective organizations.	Integration of BG leadership into the Municipal EOC must remain a priority, though other elements will have direct and important roles, ultimately the majority of attention and support needs to be with the civilian authorities responsible for Emergency Management. LO integration into civilian emergency response HQs is vital. As demonstrated throughout Op LENTUS, LOs need to be identified as early as possible, so that CAF efforts can be best directed to support civilian emergency management.		

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SER	ORIGIN	OBSERVATION	RECOMMENDATION	COMMENT	OPI
22	1 CMBG - 3 PPCLI IRU	Work/Rest cycles were important to balancing ability to influence the task with ability to react to future tasks. Risk was assumed by cutting forces away from pressing situations to rest and this allowed for forces to be ready to surge when river peaked the following day.	Leadership must continue to enforce proper work/rest cycles. CP staff may have more stable workloads, but must also monitor work/rest cycle to ensure they maintain effectiveness.		
23	1 CMBG - 3 PPCLI IRU	Staggered deployment allowed for essential understanding of problem and AO to be developed by Recce Party and for suitable admin areas to be planned for, allowing main body to arrive to a prepared site. Avn allowed recce party to get out even faster.	Continue with current IRU breakdown of Recce, Vanguard and Follow on Force packages. Make aviation available to Recce Party if at all possible.		
24	1 CMBG - 3 PPCLI IRU	Control measures for terrain management in MEDICINE HAT were used extensively by the 3 PPCLI IRU BG. This assisted attachments, when flowing in, to rapidly understand the battlespace. It also allowed for quicker orders and retasking.	Clearly defined boundaries were vital in creating a common operating picture amongst Provincial Emergency Response. These types of clear boundary traces should be created in conjunction with civilian agencies, to ensure they in use throughout all emergency response efforts.		
25	1 CMBG - 3 PPCLI IRU	Excellent integration of recce sqn into the 3VP BG. Forward deployment of the 1 CMBG Reserve to Penhold was an excellent choice.	When tasked and deployed as a QRF, it may be advantageous to cut assets immediately to sub-units (i.e. Medics and refuelling assets). If employed in a reactionary role, any wide range of tasks could be given. Recce Sqn as a whole is self sufficient, however tasks could change dependent on the tactical situation.		
26	1 CMBG - 1 CER IRU	Geomatics Support: In this particular operation, there was limited damage sustained to civilian communication infrastructure. This allowed for the provision of civilian cellular voice and data throughout the AO	The MCE should be able to produce a website that all members of the IRU are able to access to receive the latest information as it pertains to terrain conditions in the AO. There should also be a section that allows for the uploading of information (photos, text, civilian GIS data sets). This would greatly increase the overall terrain SA in the AO.		
27	1 CMBG - 1 Fd Amb IRU	The distribution of Amb crews and UMTs proved to be appropriate based on the overall number of casualties sustained throughout Op LENTUS.	Given the limited number of casualties sustained throughout the duration of the Op, the Amb crews/ UMT lay down was appropriate to the local situation(s). The lay down remained flexible and reactive to the changing circumstances, as appropriate. JHSU co located with Bde HQ was highly beneficial to ensure appropriate medical lay down/HSS to the ever-changing situations.		
28	1 CMBG - 1 Fd Amb IRU	A key concern limiting the JHSU were the MEDROE, which did not provide the JHSU sufficient latitude to make timely decisions given the limited delegated authority from HSS CoC.	Baseline MEDROE as part of CONPLAN WRANGLER should be established which allow the flexibility to transport civilians in CAF Amb. (Civilians with mobility issues were being transferred in LAVs when an Amb would have been more comfortable for them).		

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16	1 CMBG - 1 PPCLI IRU	Liaison was integral to the success the BG experienced supporting operations. The 1 PPCLI BG embedded Liaison Officers (LO) with the head of the RCMP, the Director of the EOC and the Communications staffs. It became clear that "stovepipes of excellence" were present and that the various organizations were not unified in their purpose and effort, often with competing goals. It was necessary to have a presence in each organization, to begin the process of integrating the civilian leadership and working towards a common operating picture and unified means of communication.	While more difficult when not specifically tasked as IRU, Emergency Management courses exist for military personnel to facilitate their role as Liaison Officers during a Domestic Operation. Where possible, these qualifications should be present within the unit deploying, as it will allow rapid assessment of the situation, as well as capabilities and capacity of the civilian authorities and enable integration of staffs.		
17	1 CMBG - 1 PPCLI IRU	Augmentation of the EOC by BG staffs facilitated SA on the BG net, as well as enabling the Municipal Authorities to begin proactively problem solving and gripping their situation. This involved a considerable planning role, where the BG hosted planning sessions with the civilian authorities and augmented the various Command Posts with personnel to assist in imagery, creation of common control measures, and a shared situational awareness on the various lines of operation that the Municipal authorities were actioning.	BG Leadership should consider a standing role to augment and facilitate planning during these types of operations. All staff functions and principle officers should remain prepared to provide their advice, counsel and expertise to their civilian counter-parts. It is important to provide guidance when required and resist assuming control - enabling civilian organizations should remain the key motivating factor. Where there is no civilian authority to grip the situation, the unit should be prepared to fulfill this role, but be prepped immediately to hand over the situation to Municipal and Provincial authorities at the earliest opportunity.		
18	1 CMBG - 1 PPCLI IRU	There was a great deal of tension and frustration on the part of the population of High River due to a lack of information being disseminated by the civilian communications staffs. Quite often, the soldiers on the ground proved the best means of conveying messaging, calming the population and providing facts so that people could begin rationalizing their situation and reconciling themselves to the realities of the work being done to repair and re-activate their town. More proactive messaging would have diffused quite a bit of frustration, and worked to alleviate a number of pressures on the municipal departments working feverishly to get people back into their homes safely.	We will not solve, nor control, civilian messaging. That being said, having a PAO liaison embedded with the communications staffs could provide much needed SA on media trends, and brewing concerns, allowing the BG leadership to advise the civilian authorities so they can make timely decisions.		
19	1 CMBG - 1 PPCLI IRU	CFB Suffield and the local reserve unit (SALH) were on the ground to provide Liaison and early Admin preps prior to arrival of BG recon party and main body. This greatly assisted the BG into falling right into tasks when it arrived in Medicine Hat.	Dom Op contingency planning must look to local CF assets throughout AO and leverage them by bringing them into the plan as soon as possible.		
20	1 CMBG - 3 PPCLI IRU	The SALH Armouries was and ideal location for BG HQ for Dom Op due to DWAN/CSN connections, messing/sleeping areas, secure storage areas and parking areas.	PRes Armouries are "jilly pads" that can be identified early as C2 nodes for Dom Ops, provided they are free from any damage. They should be first consideration for C2 nodes. JTFW should derive a "layout" matrix for all defence infrastructure within JTFW AO as an easy reference with regards to what capabilities and numbers an armoury can handle.		
21	1 CMBG - 1 CER IRU	Use of existing DND resources and infrastructure greatly increased our capacity for response.	Sustain: Leveraging capability based out of existing DND infrastructure. Heavy Eqpt and Vehs from CFB Suffield allowed 1 CMBG to increase the capacity to respond to local RFAs. Existing DND assets in a disaster locations should continue to be leveraged.		