

GS-785-4 PART II

GS-785-47

FILE NO - N° DU DOSSIER

VOLUME NO - N° DU VOLUME

NAME - NOM

COSTS INCURRED BY FEDERAL DEPTS RE COSMOS 954 INCIDENT

FROM - DE

TO - À

28-08-01

78-12-31

CHARGED OUT - EN COMMUNICATION

CHARGED OUT - EN COMMUNICATION

R.S.

Clerk

Commis

S.D.

DATE

TO - À

R.S.

Clerk

Commis

S.D.

DATE

TO - À

JAN - 3 1979

DSS 1/13 D

JAN - 3 1979

DSS 1/15 D

JAN 24 1979

DSS 1/1 D

80-3-3

CFW 2/16 R DW

80-03-06

CFW 1/1

Microfilm Hold Shelf

8-11-16

micro

DR

D. 1978



CLOSED VOLUME VOLUME COMPLET

DATED FROM
À COMPTER DU

78-08-01

TO
JUSQU'AU

78-12-31

AFFIX TO TOP OF FILE — À METTRE SUR LE DOSSIER

DO NOT ADD ANY MORE PAPERS — NE PAS AJOUTER DE DOCUMENTS

FOR SUBSEQUENT CORRESPONDENCE SEE — POUR CORRESPONDANCE ULTÉRIEURE VOIR

FILE NO. — DOSSIER N°

GS-785-47.

VOLUME

78/08/01

Mr. Lynch

The costs included in the attached schedule reconcile with the amounts determined at this office by Sgt Cooper.

We have not as yet completed the affidavit for compensation as we are awaiting a confirmation and breakdown of costs from "G" Division.

I understand that Insp. Michaluk of the Legal Branch has had some involvement, perhaps this should be referred to that Branch in the event they wish to send a legal advisor, as per the invitation.

Dorothy Cpl.

Cpl John Larduy - 3-1542



Government
of Canada

Gouvernement
du Canada

MEMORANDUM

NOTE DE SERVICE

AUG 8 1978

TO
A

THE COMMISSIONER, OTTAWA

Attention: D.S.S. (Fin. Man. Branch)

FROM
DE

OFFICER IN CHARGE ADMIN. & PERSONNEL
"G" DIVISION

| |
|---------------------------------------|
| SECURITY-CLASSIFICATION - DE SÉCURITÉ |
| CONFIDENTIAL |
| OUR FILE - N/RÉFÉRENCE |
| 78G-000-2 |
| YOUR FILE - V/RÉFÉRENCE |
| GS 785-47 (sec) |
| DATE |
| 78-08-04 |

SUBJECT
OBJET Expenditures Attributable to
the Cosmos 954 Incident

Memo of the O.I.C. Fin. Man. Branch dated 78-07-12 refers.
Attached, is the information requested. For more information,
please contact Inspector CHAIROT of the Federal Policing Branch,
who has been kept apprized of the happenings in "G" Division since
its beginning.

C.R. Latremouille
C.R. Latremouille, Insp.,
for Officer In Charge,
Admin. & Personnel AOL

Re: 18

APR 3 1980

"S" DIR. RECORDS

SUMMARY OF EXPENSES

| | | |
|----|-----------------------------|-------------|
| 1. | SALARIES ----- | \$3,899.94 |
| | OVERTIME ----- | 1,707.66 |
| 2. | TRAVELLING EXPENSES ----- | 373.30 |
| 3. | POLICE AIRCRAFT ----- | 8,342.28 |
| | POLICE CAR ----- | 100.00 |
| | SKI-DOO ----- | 15.00 |
| 4. | PURCHASE OF BATTERIES ----- | 94.67 |
| | | ----- |
| | TOTAL----- | \$14,532.85 |
| | | vvvvvvvvvv |

SUMMARY OF RCMP MEMBER INVOLVEMENT
COSMOS 954 INCIDENT

As a result of the crash of COSMOS 954 on 78-01-24 our members were involved as follows.

78-01-29

Satellite debris located at McLeod Bay on Great Slave Lake (Fort Reliance area). On 78-01-30 two members were sent in to assist DND personnel in guarding scene. Members were withdrawn from site on 78-02-05 when basic clean-up completed. Members at site were rotated during this period.

Members provided escort for the four possibly contaminated persons at Warden's Grove when they were brought to Yellowknife for examination. This consisted of an escort from the airport to the hospital and a check of the hospital for security purposes prior to DND personnel taking over the guarding of these individuals.

78-01-30

Satellite debris located in Warden's Grove area. One member sent in with DND on 78-01-30 to guard scene and a second member was sent in on 78-01-31 to assist. These members were withdrawn from the site on 78-02-06 when military camp was firmly established to conduct clean-up and further search. Members at site were rotated during this period.

A member from Snowdrift Detachment patrolled to Fort Reliance and cabins in the surrounding area via police aircraft to inform people of this matter and warn them to stay clear of the affected area.

- 2 -

78-01-31

Some of the radioactive material was brought into Yellowknife for shipment to southern points. Our members guarded these exhibits from approximately 1800 hours 78-01-31 to approximately 1030 hours 78-02-01 when it was flown out.

78-02-10

Radioactive material located in area approximately four miles west of Snowdrift, N.W.T. on Great Slave Lake. Member of Snowdrift Detachment to scene forthwith and replaced later same day by member of Yellowknife Detachment who remained at site until 78-02-13.

In addition to the foregoing specific incidents involving our members, daily liaison was maintained with local military personnel as well as members of Atomic Energy Control Board. This included meetings during staging segments of the operation. Administrative and operational personnel were also required from time to time to arrange for guards at debris sites, arrange for aircraft, check out reports concerning the sighting of the satellite and provide transportation for members involved in the operation.

148

①

148

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| 38.08 | +1 |
| 333.60 | +1 |
| 364.00 | +1 |
| 36.40 | +1 |
| 11.58 | +1 |
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| 92.64 | +1 |
| 92.64 | +1 |
| 57.90 | +1 |
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| 23.16 | +1 |
| 13.65 | +1 |
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| 4.55 | +1 |
| 24.70 | +1 |
| 27.30 | +1 |
| 36.40 | +1 |
| 27.30 | +1 |
| 9.10 | +1 |
| 72.80 | +1 |
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| 29.64 | +1 |
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| 66.72 | +1 |
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| 66.72 | +1 |
| 46.32 | +1 |
| 81.06 | +1 |
| 64.72 | +1 |
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| 30.48 | +1 |
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| 77.64 | +1 |
| 25.88 | +1 |
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| 72.80 | +1 |
| 72.80 | +1 |
| 36.40 | +1 |
| 57.12 | +1 |
| 33.36 | +1 |
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| 66.72 | +1 |
| 66.72 | +1 |
| 33.36 | +1 |
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| 115000157 | 1 |
| 3 899.74 | +1 |

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= 45.50 +1

-58.38 +1

- 38.34 +1

- 27.30 +1

-68.25 +1

-68.25 +1

-109.20 +1

-109.20 +1

109.20 +1

-109.20 +1

-19.76 +1

-163.02 +1

-118.56 +1

-69.16 +1

-138.96 +1

-40.45 +1

-91.44 +1

-91.44 +1

-54.60 +1

-54.60 +1

-68.25 +1

-54.60 +1

1 707.66 T1

3 899.94 +1

1 707.66 +1

5 607.60 T1

PAGE 1 OF 1
DE 1

DIFFUSION: 1 & 2 au q.g. div; 3 au q.g. s.-div.; 4 au bureau

| | | |
|--------------|---|------------------------------------|
| : After Duty | A | <i>Après la journée de travail</i> |
| Before Duty | B | <i>Avant la journée de travail</i> |
| Call Back | C | <i>Rappel au travail</i> |
| Stand By | D | <i>En disponibilité</i> |

| SHIFT | | PÉRIODE DE RELEVÉ | | DATE(S) | | FROM-DE | | TO-À | | OVERTIME — SURTEMPS | | | |
|--------|--|----------------------|--|--------------------|--|---------|--|------|--|-------------------------------------|--|---------------------------|--|
| LAST | | DERNIÈRE | | DATE(S) | | FROM-DE | | TO-À | | DATE(S) | | FROM-DE | |
| NEXT | | PROCHAINE | | DATE(S) | | FROM-DE | | TO-À | | HOURS CLAIMED HEURES À RÉTRIBUER | | RECOMMENDED RECOMMANDÉ | |
| * CODE | | OVERTIME SURTEMPS | | INITIALS-INITIALES | | DATE | | | | | | | |
| LAST | | DERNIÈRE | | DATE(S) | | FROM-DE | | TO-À | | DATE(S) | | FROM-DE | |
| NEXT | | PROCHAINE | | DATE(S) | | FROM-DE | | TO-À | | * CODE | | OVERTIME SURTEMPS | |
| * CODE | | OVERTIME SURTEMPS | | INITIALS-INITIALES | | DATE | | | | | | | |
| LAST | | DERNIÈRE | | DATE(S) | | FROM-DE | | TO-À | | DATE(S) | | FROM-DE | |
| NEXT | | PROCHAINE | | DATE(S) | | FROM-DE | | TO-À | | * CODE | | OVERTIME SURTEMPS | |
| * CODE | | OVERTIME SURTEMPS | | INITIALS-INITIALES | | DATE | | | | | | | |
| LAST | | DERNIÈRE | | DATE(S) | | FROM-DE | | TO-À | | DATE(S) | | FROM-DE | |
| NEXT | | PROCHAINE | | DATE(S) | | FROM-DE | | TO-À | | * CODE | | OVERTIME SURTEMPS | |
| * CODE | | OVERTIME SURTEMPS | | INITIALS-INITIALES | | DATE | | | | | | | |
| LAST | | DERNIÈRE | | DATE(S) | | FROM-DE | | TO-À | | DATE(S) | | FROM-DE | |
| NEXT | | PROCHAINE | | DATE(S) | | FROM-DE | | TO-À | | * CODE | | OVERTIME SURTEMPS | |
| * CODE | | OVERTIME SURTEMPS | | INITIALS-INITIALES | | DATE | | | | | | | |

| ORD OF LIEU TIME—RELEVÉ DES CONGÉS DE SURTEMPS | | | | TOTAL THIS PAGE TOTAL DE CETTE PAGE | | 3.5 |
|--|--|--|--|--|--|-------|
| RS.-H. | | Previous Balance Total précédent | | TOTAL FROM PREVIOUS PAGE TOTAL REPORTÉ DE LA PAGE PRÉCÉDENTE | | |
| 8.5 | | Balance this month Heures accumulées au cours du mois | | TOTAL | | 3 1/2 |
| 1.5 | | TOTAL | | | | X1.5 |
| 0.0 | | L.T.O. taken Congés pris | | COMPLETE BEYOND HERE ON FINAL PAGE ONLY NE REMPLIR LES CASES SUIV. QUE SUR LA DERNIÈRE PAGE | | |
| 0 | | Balance Excédent | | | | |
| 30 | | | | | | 5 |
| SIGNATURE—DU REQUÉRANT | | COLLATOR NO. NO DE COLLATION | | ADJUSTMENTS—AJUSTEMENT | | |
| [Signature] | | G 0042 | | | | |
| I-SERVICE | | LOCATION-LIEU | | TOTAL | | 5 |
| YELLOWKNIFE DET | | YELLOWKNIFE N.W.T. | | | | |
| RANK-GRADE | | REG. NO.—NO MATR | | BANKED RÉSERVE | | 1.5 |
| 25E | | 87943 | | TOTAL FOR PAYMENT TOTAL À RÉTRIBUER | | 3.5 |
| NAME-NO | | HOURLY RATE TAUX HORAIRE | | | | |
| L. V. WISHNOWSKI | | 4 9.10 | | | | |
| WHEN IN ACTING POSITION PLACE "A" IN FRONT OF HOURLY RATE EN CAS DE SUPPLÉANCE, METTRE UN "S" DEVANT "TAUX HORAIRE" | | | | | | |

DIFFUSION: 1 & 2 au q.g. div; 3 au q.g. s.-div.; 4 au b.b. div.

A Après la journée de travail
B Avant la journée de travail
C Rappel au travail
D En disponibilité

RECORD OF LIEU TIME—RELEVÉ DES CONGÉS DE SURTEMPS

| | |
|---|-----|
| TOTAL THIS PAGE TOTAL DE CETTE PAGE | 8.5 |
| TOTAL FROM PREVIOUS PAGE TOTAL REPORTÉ DE LA PAGE PRÉCÉDENTE | Nil |
| TOTAL | 8.5 |

COMPLETE BEYOND HERE ON FINAL PAGE ONLY
NE REMPLIR LES CASES SUIV. QUE SUR LA DERNIÈRE PAGE

ADJUSTMENTS—AJUSTEMENT

TOTAL
BANKED
RESERVE

TOTAL FOR PAYMENT
TOTAL À RÉTRIBUER

PAGE 1 OF 1
DE 1

DIFFUSION: 1 & 2 au q.g. div; 3 au q.g. s.-div.; 4 au bureau

SHIFT
PÉRIODE DE
RELEVÉ

1. - N° DU DOSSIER

COURT
DOCKET
-1-78

N° DU DOSSIER

261RT
DoekRT
16-1-7

Nº DU DOSSIER

ASSIAN SATELLITE -
TEL. D.N.D.
ST. SLOVE LAKE AREA.
WT. 24 JAN 78

Nº DU DOSSIER

1 2 3

| CODE | SURTEMPS | RÉCOMMANDE |
|------|----------|--------------------|
| | | INITIALS-INITIALES |
| | | DATE |

000161

OVERTIME COMPENSATION CLAIM
DEMANDE DE RÉTRIBUTION DU SURTEMPS

PAGE 1 OF 1
DE

3 to S/Div; 4 Office ——— DIFFUSION: 1 & 2 au q.g. div, 3 au q.g. s.-div.; 4 au bureau

ODE: After Duty A Après la journée de travail
Before Duty B Avant la journée de travail
Call Back C Rappel au travail
Stand By D En disponibilité

466 *
750 +
4350 +
1360 +
2490 +
450 +
460 +
1350 +
1350 +
2300 +
750 +
1100 +
2700 +
1350 +
1350 +
1300 +
900 +
1350 +
23650 *

| | |
|--|---------|
| FROM-DE | TO-A |
| 12:00 AM | 8:00 AM |
| FROM-DE | TO-A |
| 8:00 AM | 4:00 PM |
| Explain why overtime was unavoidable- Dire pourquoi le surtemps était inévitable | |
| Required for Court | |

| OVERTIME — SURTEMPS | |
|-------------------------------------|----------------------|
| DATE(S) | FROM-DE |
| 5 Jan 78 | 10:00 AM |
| | TO-A |
| | 11:30 AM |
| HOURS CLAIMED HEURES À RÉTRIBUER | |
| * CODE | OVERTIME SURTEMPS |
| C | 3 |
| RECOMMENDED RECOMMANDÉ | |
| INITIALS-INITIALES | |
| DATE | |
| 8-1-78 | |

| | |
|----------|---------|
| FROM-DE | TO-A |
| 8:00 AM | 4:00 PM |
| FROM-DE | TO-A |
| 12:00 AM | 8:00 AM |

| | |
|-------------------------------------|----------------------|
| DATE(S) | FROM-DE |
| 30 Jan 78 | 10:00 PM |
| | TO-A |
| | 12:00 AM |
| HOURS CLAIMED HEURES À RÉTRIBUER | |
| * CODE | OVERTIME SURTEMPS |
| B | 2 |
| RECOMMENDED RECOMMANDÉ | |
| INITIALS-INITIALES | |
| DATE | |
| VFEB 78 | |

N- NO DU DOSSIER
N- TITRE
Mission Satellite
to S.N.D.
Slave Lake Area
N.T.
27 Jan 78

| | | | |
|-------------------|---------|---------|------|
| LAST DERNIERE | DATE(S) | FROM-DE | TO-A |
| NEXT PROCHAINE | DATE(S) | FROM-DE | TO-A |

N- NO DU DOSSIER
N- TITRE

| | | | |
|-------------------|---------|---------|------|
| LAST DERNIERE | DATE(S) | FROM-DE | TO-A |
| NEXT PROCHAINE | DATE(S) | FROM-DE | TO-A |

N- NO DU DOSSIER
N- TITRE

| | | | |
|-------------------|---------|---------|------|
| LAST DERNIERE | DATE(S) | FROM-DE | TO-A |
| NEXT PROCHAINE | DATE(S) | FROM-DE | TO-A |

N- NO DU DOSSIER
N- TITRE

OF LIEU TIME—RELEVÉ DES CONGÉS DE SURTEMPS

| |
|--|
| Previous Balance Total précédent |
| Balance this month Heures accumulées au cours du mois |
| TOTAL |
| L.T.O. taken Congés pris |
| Balance Excédent |

| | |
|---|---|
| TOTAL THIS PAGE TOTAL DE CETTE PAGE | 5 |
| TOTAL FROM PREVIOUS PAGE TOTAL REPORTÉ DE LA PAGE PRÉCÉDENTE | — |
| TOTAL | 5 |

COMPLETE BEYOND HERE ON FINAL PAGE ONLY
NE REMPLIR LES CASES SUIV. QUE SUR LA DERNIÈRE PAGE

Signature DU REQUÉRANT

J.R. Drisdelle

COLLATOR NO.
N° DE COLLATION

60042

ADJUSTMENTS—AJUSTEMENT

LOCATION-LIEU
YELLOWKNIFE DET YELLOWKNIFE N.W.T.

REG. NO.—N° MATR NAME-NOM
29560 J.J.R. DRISDELLE

WHEN IN ACTING POSITION PLACE "A" IN FRONT OF HOURLY RATE
EN CAS DE SUPPLÉANCE, METTRE UN "S" DEVANT "TAUX HORAIRE"

HOURLY RATE
TAUX HORAIRE
9.10

TOTAL FOR PAYMENT
TOTAL À RÉTRIBUER

7.5
7.5
5
7.5

OVERTIME COMPENSATION CLAIM
DEMANDE DE RÉTRIBUTION DU SURTEMPS

PAGE 1 OF 2
DE

DISTRIBUTION: 1 & 2 to Div. "H.Q."; 3 to S/Div; 4 Office

DIFFUSION: 1 & 2 au q.g. div; 3 au q.g. s.-div; 4 au bureau

CODE: After Duty A Après la journée de travail
Before Duty B Avant la journée de travail
Call Back C Rappel au travail
Stand By D En disponibilité

| | | | | | OVERTIME - SURTEMPS | | |
|--|-------------------------|-----------|---------|---------|---|---------|--|
| NO. | SHIFT PERIODE DE RELEVÉ | DATE(S) | FROM-DE | TO-À | DATE(S) | FROM-DE | |
| 1 | LAST DERNIÈRE | 02 FEB 78 | 12 MN | 8.00 am | 03 FEB 78 | 12 Noon | |
| | NEXT PROCHAINE | 06 FEB 78 | 8.00 am | 4.00 pm | | 8.00 pm | |
| FILE NO. - NO DU DOSSIER 427/78 | | | | | HOURS CLAIMED HEURES À RÉTRIBUER | | |
| CAPTION - TITRE Operation Morning Light Assist D.M.D. 04/05 FEBRUARY 1978. AS PER TELEX YKADH 31/24 | | | | | RECOMMENDED RECOMMANDÉ | | |
| Explain why overtime was unavoidable - Dire pourquoi le surtemps était inévitable | | | | | CODE OVERTIME SURTEMPS INITIALS-INITIALES | | |
| Required for guard duty on Operation Morning Light at Satellite # 2 on R.T.O. | | | | | C 18 6-2-78 | | |
| 2 | LAST DERNIÈRE | 02 FEB 78 | 12 MN | 8.00 am | 04 FEB 78 | 7.00 am | |
| | NEXT PROCHAINE | 06 FEB 78 | 8.00 am | 4.00 pm | | 3.00 pm | |
| FILE NO. - NO DU DOSSIER 427/78 | | | | | CODE OVERTIME SURTEMPS RECOMMENDED RECOMMANDÉ | | |
| CAPTION - TITRE CAPTION AS ABOVE | | | | | C 18 6-2-78 | | |
| See Claim # 1 | | | | | | | |
| 3 | LAST DERNIÈRE | 02 FEB 78 | 12 MN | 8.00 am | 05 FEB 78 | 7.00 am | |
| | NEXT PROCHAINE | 06 FEB 78 | 8.00 am | 4.00 pm | | 3.00 pm | |
| FILE NO. - NO DU DOSSIER 427/78 | | | | | CODE OVERTIME SURTEMPS RECOMMENDED RECOMMANDÉ | | |
| CAPTION - TITRE CAPTION AS ABOVE | | | | | C 18 6-2-78 | | |
| See Claim # 1 | | | | | | | |
| 4 | LAST DERNIÈRE | 10 Feb 78 | 8.00 am | 4.00 pm | 10 FEB 78 | 4.00 pm | |
| | NEXT PROCHAINE | 11 Feb 78 | 8.00 am | 4.00 pm | | 9.00 pm | |
| FILE NO. - NO DU DOSSIER 427/78 | | | | | CODE OVERTIME SURTEMPS RECOMMENDED RECOMMANDÉ | | |
| CAPTION - TITRE Operation Morning Light Assist D.M.D. 10-13 FEB 78 | | | | | A 5 6-2-78 | | |
| Required for guard duties at Snowdrift site of radioactive hds. Reg to establish base camp after Reg duties. | | | | | | | |

RECORD OF LIEU TIME--RELEVÉ DES CONGÉS DE SURTEMPS

| | |
|---------|---|
| HRS.-H. | Previous Balance Total précédent |
| | Balance this month Heures accumulées au cours du mois |
| TOTAL | |
| | L.T.O. taken Congés pris |
| | Balance Prédécent |

| | |
|--|----|
| TOTAL THIS PAGE TOTAL DE CETTE PAGE | 29 |
| TOTAL FROM PREVIOUS PAGE TOTAL REPORTÉ DE LA PAGE PRÉCÉDENTE | 0 |
| TOTAL | 20 |

COMPLETE BEYOND HERE ON FINAL PAGE ONLY
NE REMPLIR LES CASES SUIV. QUE SUR LA DERNIÈRE PA

CLAIMANT (Signature) du REQUÉRANT

COLLATOR NO. NO DE COLLATION

ADJUSTMENTS-AJU

UNIT-SERVICE

LOCATION-LIEU

RANK-GRADE

REG. NO.-NO MATR NAME-NOM

CST 304062 HOCHTMEIER, W

WHEN IN ACTING POSITION PLACE "A" IN FRONT OF HOURLY RATE
EN CAS DE SUPPLÉANCE, METTRE UN "S" DEVANT "TAUX HORAIRE"

HOURLY RATE TAUX HORAIRE

4 9.10

Original damaged

OVERTIME COMPENSATION CLAIM
DEMANDE DE RÉTRIBUTION DU SURTEMPSPAGE 2 OF 2
DE

DISTRIBUTION: 1 & 2 to Div. "H.Q.," 3 to S/Div; 4 Office

DIFFUSION: 1 & 2 au q.g. div; 3 au q.g. s.-div.; 4 au bureau

* CODE: After Duty A Après la journée de travail
Before Duty B Avant la journée de travail
Call Back C Rappel au travail
Stand By D En disponibilité

| OVERTIME — SURTEMPS | | | | |
|------------------------|---------|---------|-------------------------------------|---------------------------|
| DATE(S) | FROM-DE | TO-À | HOURS CLAIMED HEURES À RÉTRIBUER | RECOMMENDED RECOMMANDÉ |
| 11 FEB 78 | 8.00 am | 4.00 pm | | |
| 12 FEB 78 | 8.00 am | 4.00 pm | | |
| * CODE | | | | |
| OVERTIME SURTEMPS | | | | |
| INITIALS-INITIALES | | | | |
| DATE | | | | |
| 15/2/78 | | | | |
| 13 Feb 78 | | | | |
| 8.00 am | | | | |
| 4.00 pm | | | | |
| * CODE | | | | |
| OVERTIME SURTEMPS | | | | |
| RECOMMENDED RECOMMANDÉ | | | | |
| INITIALS-INITIALES | | | | |
| DATE | | | | |
| 15/2/78 | | | | |
| 17 FEB 78 | | | | |
| 12 Midnight | | | | |
| 1.00 am | | | | |
| * CODE | | | | |
| OVERTIME SURTEMPS | | | | |
| RECOMMENDED RECOMMANDÉ | | | | |
| INITIALS-INITIALES | | | | |
| DATE | | | | |
| 17/2/78 | | | | |
| 17 Feb 78 | | | | |
| 1.00 am | | | | |
| 3.00 am | | | | |
| * CODE | | | | |
| OVERTIME SURTEMPS | | | | |
| RECOMMENDED RECOMMANDÉ | | | | |
| INITIALS-INITIALES | | | | |
| DATE | | | | |
| 17/2/78 | | | | |

10. VO
SHIFT PÉRIODE DE RELÈVE
LAST DERNIÈRE
NEXT PROCHAINE
DATE(S)
FROM-DE
TO-À
LE NO. - NO DU DOSSIER
OPTION - TITRE
Explain why overtime was unavoidable - Dire pourquoi le surtemps était inévitable
Required to assist U.S. and Can scientists locate and recover radioactive particles from vicinity of Snowdrift
Operation Morning light Assist DND.
10-13 February 1978
427/78
6
LAST DERNIÈRE
NEXT PROCHAINE
DATE(S)
FROM-DE
TO-À
LE NO. - NO DU DOSSIER
OPTION - TITRE
Required to assist cleanup on R.T.O. at Snowdrift site
427/78
7
LAST DERNIÈRE
NEXT PROCHAINE
DATE(S)
FROM-DE
TO-À
LE NO. - NO DU DOSSIER
OPTION - TITRE
Required for Breath Test as operator must prior to end of shift.
Gary Hockridge
236 CC over 08.
6 FEB 78 Yellowknife HWT
711/78
8
LAST DERNIÈRE
NEXT PROCHAINE
DATE(S)
FROM-DE
TO-À
LE NO. - NO DU DOSSIER
OPTION - TITRE
Required for Breathalyzer overtime as operator did not returned home from previous claim #7.
Larry Frank SMITHA
236 CC over 08
Yellowknife HWT 17 Feb 78

RECORD OF LIEU TIME — RELEVÉ DES CONGÉS DE SURTEMPS

| HRS. - H. | Previous Balance Total précédent |
|--|-------------------------------------|
| 80 | |
| Balance this month Heures accumulées au cours du mois | |
| 16 | |
| TOTAL | |
| 96 | |
| L.T.O. taken Congés pris | |
| 16 | |
| Balance Excedent | |
| 80 | |

TOTAL THIS PAGE
TOTAL DE CETTE PAGE

16

TOTAL FROM PREVIOUS PAGE
TOTAL REPORTÉ DE LA PAGE PRÉCÉDENTE

29

TOTAL

45

X1.5

COMPLETE BEYOND HERE ON FINAL PAGE ONLY
NE REMPLIR LES CASES SUIV. QUE SUR LA DERNIÈRE PAGE

CLAIMANT (Signature) DU REQUÉRANT

COLLATOR NO.
NO DE COLLATION

ADJUSTMENTS — AJUSTEMENT

UNIT - SERVICE

LOCATION - LIEU

RANK - GRADE

REG. NO. - NO MATR NAME - NOM

WHEN IN ACTING POSITION PLACE "A" IN FRONT OF HOURLY RATE
EN CAS DE SUPPLÉANCE, METTRE UN "S" DEVANT "TAUX HORAIRE"HOURLY RATE
TAUX HORAIRETOTAL FOR PAYMENT
TOTAL À RÉTRIBUER

OVERTIME COMPENSATION CLAIM
DEMANDE DE RÉTRIBUTION DU SURTEMPS

PAGE 1 OF 1

DISTRIBUTION: 1 & 2 to Div. "H.Q.," 3 to S. Div.; 4 Office

DIFFUSION: 1 & 2 au q.g. div.; 3 au q.g. s.-div.; 4 au bure- au

* CODE: After Duty A Après la journée de travail
Before Duty B Avant la journée de travail
Call Back C Rappel au travail
Stand By D En disponibilité

| NO. NO | SHIFT PÉRIODE DE RELEVÉ | DATE(S) | FROM-DE | TO-A | DATE(S) | FROM-DE | TO-A | HOURS CLAIMED HEURES À RÉTRIBUER | RECOMMENDED RECOMMANDÉ |
|-------------------------------|-------------------------------|---|----------|-----------|------------|----------|-----------|-------------------------------------|---------------------------|
| 1 | LAST DERNIÈRE | 24 JAN 78 | 8:30 AM | 4:30 PM. | 24 JAN 78. | 8:30 AM | 4:30 PM. | 4.5 | 27-1-78 |
| | NEXT PROCHAINE | 25 JAN 78 | 7:00 AM | 3:00 PM. | | | | | |
| FILE NO. - NO DU DOSSIER | | Explain why overtime was unavoidable. Dire pourquoi le surtemps était inévitable. | | | | | | | |
| CAPTION - TITRE | | To complete Flight. | | | | | | | |
| FLY - YK - Cambridge Bay | | | | | | | | | |
| Spence Bay - Cambridge Bay. | | | | | | | | | |
| 2 | LAST DERNIÈRE | 25 JAN 78 | 7:00 AM | 3:00 PM. | 25 JAN 78 | 7:00 AM | 3:00 PM. | 8.5 | 1-2-78 |
| | NEXT PROCHAINE | 26 JAN 78. | 8:30 AM | 4:30 PM. | | | | | |
| FILE NO. - NO DU DOSSIER | | | | | | | | | |
| CAPTION - TITRE | | To complete Flight. Cambridge Bay - Gjoa Haven - Cambridge Bay | | | | | | | |
| CF - MPB. | | Yellowknife - Sudden Death AT GJOA HAVEN. | | | | | | | |
| 3 | LAST DERNIÈRE | 29 JAN 78 | 4:30 PM. | 11:30 PM. | 30 JAN 78. | 4:30 PM. | 11:30 PM. | 1.5 | 1-2-78 |
| | NEXT PROCHAINE | 1 FEB 78 | 8:30 AM | 4:30 PM. | | | | | |
| FILE NO. - NO DU DOSSIER | | Call back required as both aircraft tasked this date. | | | | | | | |
| CAPTION - TITRE | | FT - YK - Snowdrift - Air Det under strength. | | | | | | | |
| FT Reliance - Snowdrift - YK. | | Phonetic & Satellite | | | | | | | |
| 4 | LAST DERNIÈRE | 29 JAN 78 | 4:30 PM | 11:30 PM. | 31 JAN 78. | 4:30 PM | 11:30 PM. | 11.0 | 1-2-78 |
| | NEXT PROCHAINE | 1 FEB 78. | 8:30 AM | 4:30 PM. | | | | | |
| FILE NO. - NO DU DOSSIER | | | | | | | | | |
| CAPTION - TITRE | | Call back required as both aircraft tasked this date. | | | | | | | |
| FLT - YK - Snowdrift | | Air Det. under strength | | | | | | | |
| Warden's Grove - YK. | | | | | | | | | |

RECORD OF LIEU TIME - RELEVÉ DES CONGÉS DE SURTEMPS

| | |
|-----------|--|
| HRS. - H. | Previous Balance Total précédent |
| | Balance this month Heures accumulées au cours du mois |
| TOTAL | |
| | L.T.O. taken Congés pris |
| | Balance Excédent |

| | |
|---|------|
| TOTAL THIS PAGE TOTAL DE CETTE PAGE | 32.0 |
| TOTAL FROM PREVIOUS PAGE TOTAL REPORTÉ DE LA PAGE PRÉCÉDENTE | |
| TOTAL | 32.0 |

COMPLETE BEYOND HERE ON FINAL PAGE ONLY
NE REMPLIR LES CASES SUIV. QUE SUR LA DERNIÈRE PAGE

| | |
|--|---------------------------------|
| CLAIMANT (Signature): DU REMPLISSANT | COLLATOR NO. NO DE COLLATION |
| UNIT - SERVICE | LOCATION - LIEU |
| Yellowknife Air Det. | Yellowknife P. N.W.T. |
| RANK - GRADE | REG. NO. - NO MATR |
| Cpl. | 30303 |
| NAME - NOM | William D. REID |
| WHEN IN ACTING POSITION PLACE "A" IN FRONT OF HOURLY RATE EN CAS DE SUPPLÉANCE, METTRE UN "S" DEVANT "TAUX HORAIRE" | |
| HOURLY RATE TAUX HORAIRE | |
| 9.88 | |

ADJUSTMENTS - AJUSTEMENT

| | |
|--|------|
| TOTAL | 48.0 |
| BANKED RÉSERVE | 48.0 |
| TOTAL FOR PAYMENT TOTAL À RÉTRIBUER | 3 |

OVERTIME COMPENSATION CLAIM
DEMANDE DE RÉTRIBUTION DU SURTEMPS

DISTRIBUTION: 1 & 2 to Div. "H.Q."; 3 to Office DIFFUSION: 1 & 2 au q.g. div; 3 au q.g. s.-div.; 4 au bureau

*CODE After Duty A Après la journée de travail
Before Duty B Avant la journée de travail
Call Back C Rappel au travail
Stand By D En disponibilité

| OVERTIME - SURTEMPS | | | | |
|--|-------------------------|-----------|-----------|----------|
| NO. NO | SHIFT PERIODE DE RELEVÉ | DATE(S) | FROM-DE | TO-A |
| 1 | LAST DERNIÈRE | 3 FEB 78 | 8:30 AM | 4:30 PM. |
| | NEXT PROCHAINE | 6 FEB 78 | 8:30 AM | 4:30 PM. |
| FILE NO. - NO DU DOSSIER | | | | |
| CAPTION- TITRE | | | | |
| CF-MPB. | | | | |
| Call back to transport members in & out of Satellite II. | | | | |
| * CODE OVERTIME SURTEMPS RECOMMENDED RECOMMANDÉ | | | | |
| C 8.0 | | | | |
| DATE 7-2-78 | | | | |
| 2 | LAST DERNIÈRE | 3 FEB 78 | 8:30 AM | 4:30 PM. |
| | NEXT PROCHAINE | 6 FEB 78 | 8:30 AM | 4:30 PM. |
| FILE NO. - NO DU DOSSIER | | | | |
| CAPTION- TITRE | | | | |
| CF-MPB. | | | | |
| Call back to transport members out of Satellite I. | | | | |
| * CODE OVERTIME SURTEMPS RECOMMENDED RECOMMANDÉ | | | | |
| C 4.5 | | | | |
| DATE 7-2-78 | | | | |
| 3 | LAST DERNIÈRE | 7 FEB 78 | 8:30 AM | 4:30 PM. |
| | NEXT PROCHAINE | 8 FEB 78 | 8:30 AM | 4:30 PM. |
| FILE NO. - NO DU DOSSIER | | | | |
| CAPTION- TITRE | | | | |
| EKT - Byron Bay Cambridge | | | | |
| Spence Bay - Pelly Bay. | | | | |
| Spence - Cambridge. | | | | |
| To complete flight. | | | | |
| * CODE OVERTIME SURTEMPS RECOMMENDED RECOMMANDÉ | | | | |
| A 6.0 | | | | |
| DATE 10-2-78 | | | | |
| 4 | LAST DERNIÈRE | 14 FEB 78 | 11:00 AM. | 7:00 PM. |
| | NEXT PROCHAINE | 15 FEB 78 | 8:30 AM | 4:30 PM. |
| FILE NO. - NO DU DOSSIER | | | | |
| CAPTION- TITRE | | | | |
| EKT - Rankin Inlet - Whale | | | | |
| Esque - Eskimo PT. - Rankin | | | | |
| Inlet - Churchill. | | | | |
| To complete flight. | | | | |
| * CODE OVERTIME SURTEMPS RECOMMENDED RECOMMANDÉ | | | | |
| A 4.5 | | | | |
| DATE 17-2-78 | | | | |

RECORD OF LIEU TIME - RELEVÉ DES CONGÉS DE SURTEMPS

| | |
|-----------|--|
| HRS. - H. | Previous Balance Total précédent |
| | Balance this month Heures accumulées au cours du mois |
| TOTAL | |
| | L.T.O. taken Congés pris |
| | Balance Excédent |

| | |
|---|------|
| TOTAL THIS PAGE TOTAL DE CETTE PAGE | 23.0 |
| TOTAL FROM PREVIOUS PAGE TOTAL REPORTÉ DE LA PAGE PRÉCÉDENTE | |
| TOTAL | 23.0 |

COMPLETE BEYOND HERE ON FINAL PAGE ONLY
NE REMPLIR LES CASES SUIV. QUE SUR LA DERNIÈRE PAGE

| | | | |
|---|--|---|--|
| CLAIMANT (Signature) - DU RÉQUÉRANT | | COLLATOR NO. NO DE COLLATION | |
| William D. Reid | | G0592. | |
| LOCATION - LIEU | | Yellowknife Air Det. Yellowknife N.W.T. | |
| REG. NO. - NO MATR | | NAME - NOM | |
| 30303 | | William D. REID | |
| WHEN IN ACTING POSITION PLACE "A" IN FRONT OF HOURLY RATE EN CAS DE SUPPLÉANCE, METTRE UN "A" DEVANT "TAUX HORAIRES" | | HOURLY RATE TAUX HORAIRES | |
| | | 9.88 | |

ADJUSTMENTS - AJUSTEMENT

| | |
|--|------|
| TOTAL | 34.5 |
| BANKED RÉSERVE | 34.5 |
| TOTAL FOR PAYMENT TOTAL À RÉTRIBUER | 34.5 |

DIFFUSION: 1 & 2 au q.g. div; 3 au q.g.-s.-div.; 4 au bureau

000167

**OVERTIME COMPENSATION CLAIM
DEMANDE DE RÉTRIBUTION DU SURTEMPS**

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DISTRIBUTION: 1 & 2 to Div. "H.Q."; 3 to S/Div; 4 Office

DIFFUSION: 1 & 2 au q.g. div. 3 au q.g. s.-div.; 4 au bureau

* CODE: After Duty A Après la journée de travail
Before Duty B Avant la journée de travail
Call Back C Rappel au travail
Stand By D En disponibilité

| SHIFT PERIODE DE RELEVÉ | | | | OVERTIME -- SURTEMPS | | | |
|---|---------|---------|---------|---------------------------------------|---------|---------|--|
| LAST DERNIÈRE | DATE(S) | FROM-DE | TO-A | DATE(S) | FROM-DE | TO-A | |
| | 10-1-78 | 8:15 AM | 4:30 PM | 10-1-78 | 7:00 PM | 9:00 PM | |
| NEXT PROCHAINE | 11-1-78 | 8:15 AM | 4:30 PM | | | | |
| N. NO DU DOSSIER | | | | HOURS CLAIMED HEURES À RÉTRIBUER | | | |
| N. TITRE | | | | RECOMMENDED RECOMMANDÉ | | | |
| F-MPB | | | | C 3 | | | |
| TO RTN TO HANGAR RE: UNSERVICEABILITIES ON MPB FROM TRIP RTN'D 6:00 PM TRIPS BOOKED AM 11-1-78 | | | | INITIALS-INITIALES DATE 11-1-78 | | | |
| | 12-1-78 | 8:15 AM | 4:30 PM | 12-1-78 | 4:30 PM | 5:30 PM | |
| NEXT PROCHAINE | 13-1-78 | 8:15 AM | 4:30 PM | | | | |
| N. NO DU DOSSIER | | | | * CODE | | | |
| N. TITRE | | | | OVERTIME SURTEMPS | | | |
| F-MPB | | | | A 1 | | | |
| REPAIR BOOST PUMPS IN PREPARATION FOR FLT 13-1-78 | | | | INITIALS-INITIALES DATE 15-1-78 | | | |
| | 31-1-78 | 8:00 AM | 4:00 PM | 31-1-78 | 4:30 PM | 8:00 PM | |
| NEXT PROCHAINE | 1-2-78 | 8:15 AM | 4:30 PM | | | | |
| N. NO DU DOSSIER | | | | * CODE | | | |
| N. TITRE | | | | OVERTIME SURTEMPS | | | |
| F-MPP | | | | A 3.5 | | | |
| ASSIST ON FLT. TO WARDENS GRIVE SATELITE SITE AS CREW | | | | INITIALS-INITIALES DATE 1-2-78 | | | |
| | | | | | | | |
| NEXT PROCHAINE | | | | | | | |
| N. NO DU DOSSIER | | | | * CODE | | | |
| N. TITRE | | | | OVERTIME SURTEMPS | | | |
| | | | | RECOMMENDED RECOMMANDÉ | | | |
| | | | | INITIALS-INITIALES | | | |
| | | | | DATE | | | |

OF LIEU TIME -- RELEVÉ DES CONGÉS DE SURTEMPS

| | |
|--|--|
| Previous Balance Total précédent | |
| Balance this month Heures accumulées au cours du mois | |
| TOTAL | |
| L.T.O. taken Congés pris | |
| Balance Excédent | |

| | |
|---|-----|
| TOTAL THIS PAGE TOTAL DE CETTE PAGE | 7.5 |
| TOTAL FROM PREVIOUS PAGE TOTAL REPORTÉ DE LA PAGE PRÉCÉDENTE | |
| TOTAL | 7.5 |

COMPLETE BEYOND HERE ON FINAL PAGE ONLY
NE REMPLIR LES CASES SUIV. QUE SUR LA DERNIÈRE PAGE

(Signature) DU REQUÉRANT

James L. Eccleston

COLLATOR NO.
NO. DE COLLATION

60592

ADJUSTMENTS -- AJUSTEMENT

| | |
|--|-----------------------------|
| OFFICE | LOCATION - LIEU |
| LOWWIFE AIR | YELLOWKNIFE NWT |
| REG. NO. - NO MATR | NAME - NOM |
| AM 1935 | JAMES L. ECCLESTON |
| WHEN IN ACTING POSITION FILL IN "A" IN FRONT OF HOURLY RATE EN CAS DE SUPPLÉANCE, METTRE UN "S" DEVANT "TAUX HORAIRE" | HOURLY RATE TAUX HORAIRE |
| | 4 8.09 |

| | |
|--|----|
| TOTAL | 5 |
| BANKED RÉSERVE | |
| TOTAL FOR PAYMENT TOTAL À RÉTRIBUER | 11 |

OVERTIME COMPENSATION CLAIM
DEMANDE DE RÉTRIBUTION DU SURTEMPS

PAGE ONE OF ONE
DE

DISTRIBUTION: 1 & 2 to Div. "H.Q.;" 3 to S/Div; 4 Office

DIFFUSION: 1 & 2 au q.g. div; 3 au q.g. s.-div.; 4 au bureau

| | | |
|--------------------|---|------------------------------------|
| * CODE: After Duty | A | <i>Après la journée de travail</i> |
| Before Duty | B | <i>Avant la journée de travail</i> |
| Call Back | C | <i>Rappel au travail</i> |
| Stand By | D | <i>En disponibilité</i> |

| NO. NO. | | SHIFT PERIODE DE RELEVÉ | | Stand By D En disponibilité | | OVERTIME — SURTEMPS | | |
|--|--|---|----------|-----------------------------|------|----------------------------------|---------|------|
| | | DATE(S) | FROM-DE | TO-A | | DATE(S) | FROM-DE | TO-A |
| 1 | | LAST DERNIÈRE | 3 FEB 78 | 10 AM | 6 PM | 4 FEB 78 | 10 AM | 6 PM |
| | | NEXT PROCHAINE | 6 FEB 78 | 10 AM | 6 PM | | | |
| FILE NO. - N° DU DOSSIER | | Explain why overtime was unavoidable - Dire pourquoi le surtemps était inévitable | | | | HOURS CLAIMED HEURES À RÉTRIBUER | | |
| CAPTION- TITRE | | TRANSPORTATION FOR REPLACEMENTS WAS NOT AVAILABLE. | | | | RECOMMENDED RECOMMANDÉ | | |
| ASSIST D.N.D. | | | | | | INITIALS-INITIALES | | |
| OPERATION MORNINGLIGHT SATELLITE #1 CAMP | | | | | | DATE | | |
| | | | | | | 8/2/78 | | |
| 2 | | LAST DERNIÈRE | 3 FEB 78 | 10 AM | 6 PM | 5 FEB 78 | 10 AM | 6 PM |
| | | NEXT PROCHAINE | 6 FEB 78 | 10 AM | 6 PM | | | |
| FILE NO. - N° DU DOSSIER | | | | | | * CODE | | |
| CAPTION- TITRE | | TRANSPORTATION FOR REPLACEMENTS WAS NOT AVAILABLE. | | | | OVERTIME SURTEMPS | | |
| ASSIST D.N.D. | | | | | | RECOMMENDED RECOMMANDÉ | | |
| OPERATION MORNINGLIGHT SATELLITE #1 CAMP | | | | | | INITIALS-INITIALES | | |
| | | | | | | DATE | | |
| | | | | | | 8/2/78 | | |
| | | LAST DERNIÈRE | DATE(S) | FROM-DE | TO-A | DATE(S) | FROM-DE | TO-A |
| | | NEXT PROCHAINE | DATE(S) | FROM-DE | TO-A | | | |
| FILE NO. - N° DU DOSSIER | | | | | | * CODE | | |
| CAPTION- TITRE | | | | | | OVERTIME SURTEMPS | | |
| | | | | | | RECOMMENDED RECOMMANDÉ | | |
| | | | | | | INITIALS-INITIALES | | |
| | | | | | | DATE | | |
| | | | | | | | | |
| | | LAST DERNIÈRE | DATE(S) | FROM-DE | TO-A | DATE(S) | FROM-DE | TO-A |
| | | NEXT PROCHAINE | DATE(S) | FROM-DE | TO-A | | | |
| FILE NO. - N° DU DOSSIER | | | | | | * CODE | | |
| CAPTION- TITRE | | | | | | OVERTIME SURTEMPS | | |
| | | | | | | RECOMMENDED RECOMMANDÉ | | |
| | | | | | | INITIALS-INITIALES | | |
| | | | | | | DATE | | |
| | | | | | | | | |
| | | LAST DERNIÈRE | DATE(S) | FROM-DE | TO-A | DATE(S) | FROM-DE | TO-A |
| | | NEXT PROCHAINE | DATE(S) | FROM-DE | TO-A | | | |
| FILE NO. - N° DU DOSSIER | | | | | | * CODE | | |
| CAPTION- TITRE | | | | | | OVERTIME SURTEMPS | | |
| | | | | | | RECOMMENDED RECOMMANDÉ | | |
| | | | | | | INITIALS-INITIALES | | |
| | | | | | | DATE | | |
| | | | | | | | | |

RECORD OF LIEU TIME—RELEVÉ DES CONGÉS DE SURTEMPS

| | |
|-----------|---|
| HRS. - H. | |
| 0 | Previous Balance <i>Total précédent</i> |
| 0 | Balance this month <i>Heures accumulées au cours du mois</i> |
| 24 | TOTAL |
| 16 | L.T.O. taken <i>Congés pris</i> |
| 8 | Balance <i>Excédent</i> |

| | |
|---|--------------|
| TOTAL THIS PAGE TOTAL DE CETTE PAGE | 16 |
| TOTAL FROM PREVIOUS PAGE TOTAL REPORTÉ DE LA PAGE PRÉCÉDENTE | 0 |
| TOTAL | 16 |

COMPLETE BEYOND HERE ON FINAL PAGE ONLY
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PLAINT (Signature)- DU REQUÉRANT

COLLATOR NO.
Nº DE COLLATION

ADJUSTMENTS—AJUSTEMENT

INIT-SERVICE

LOCATION-LIEU

TOTAL

BANK-GRADE

REG. NO. - NO MATR

NAME- ~~NOVI~~BANKED
RÉSERVE

WHEN IN ACTING POSITION PLACE "A" IN FRONT OF HOURLY RATE
EN CAS DE SUPPLÉANCE, METTRE UN "S" DEVANT "TAUX HORAIRE"

| | |
|-----------------------------|------|
| HOURLY RATE TAUX HORAIRE | 7.62 |
|-----------------------------|------|

TOTAL FOR PAYMENT
TOTAL À RÉTRIBUER

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OVERTIME COMPENSATION CLAIM
DEMANDE DE RÉTRIBUTION DU SURTEMPS

1 & 2 to Div. "H.Q."; 3 to S/Div; 4 Office

DIFFUSION: 1 & 2 au g.g. div; 3 au c.g. s.-div.; 4 au D.I.C.

* CODE: After Duty A Après la journée de travail
Before Duty B Avant la journée de travail
Call Back C Rappel au travail
Stand By D En disponibilité

| OVERTIME — SURTEMPS | | | | | |
|--|-------------------|---|--------------------|--|----------|
| DATE(S) | | FROM-DE | | TO-A | |
| 1. | LAST DERNIÈRE | DATE(S) 4 Feb 78 | FROM-DE 9:00 AM | TO-A 5:00 PM | 4 Feb 78 |
| | NEXT PROCHAINE | DATE(S) 5 Feb 78 | FROM-DE 9:00 AM | TO-A 5:00 PM | 5 Feb 78 |
| FILE NO. - NO DU DOSSIER | | EXPLAIN WHY OVERTIME WAS UNAVOIDABLE - Dire pourquoi le surtemps était inévitable | | | |
| CAPTION - TITRE Satellite Site Operation - Morning Star | | Required to guard satellite site at Warden's Grove N.W.T. | | | |
| * CODE | | OVERTIME SURTEMPS | | INITIALS - INITIALES AB Cpl DATE 1 Mar 78 | |
| 2. | LAST DERNIÈRE | DATE(S) 5 Feb 78 | FROM-DE 9:00 AM | TO-A 5:00 PM | 5 Feb 78 |
| | NEXT PROCHAINE | DATE(S) 6 Feb 78 | FROM-DE 9:00 AM | TO-A 5:00 PM | 6 Feb 78 |
| FILE NO. - NO DU DOSSIER | | Required to guard satellite site at Warden's Grove N.W.T. | | | |
| CAPTION - TITRE Satellite Site Operation - Morning Star | | Required to guard satellite site at Warden's Grove N.W.T. | | | |
| * CODE | | OVERTIME SURTEMPS | | INITIALS - INITIALES AB Cpl DATE 1 Mar 78 | |
| 3. | LAST DERNIÈRE | DATE(S) 6 Feb 78 | FROM-DE 9:00 AM | TO-A 5:00 PM | 6 Feb 78 |
| | NEXT PROCHAINE | DATE(S) 7 Feb 78 | FROM-DE 9:00 AM | TO-A 5:00 PM | 7 Feb 78 |
| FILE NO. - NO DU DOSSIER | | Required to guard satellite site at Warden's Grove N.W.T. | | | |
| CAPTION - TITRE Satellite Site Operation - Morning Star | | Required to guard satellite site at Warden's Grove N.W.T. | | | |
| * CODE | | OVERTIME SURTEMPS | | INITIALS - INITIALES AB Cpl DATE 1 Mar 78 | |
| 4. | LAST DERNIÈRE | DATE(S) 7 Feb 78 | FROM-DE 9:00 AM | TO-A 5:00 PM | 7 Feb 78 |
| | NEXT PROCHAINE | DATE(S) 8 Feb 78 | FROM-DE 9:00 AM | TO-A 5:00 PM | 8 Feb 78 |
| FILE NO. - NO DU DOSSIER | | Required to guard satellite site at Warden's Grove N.W.T. | | | |
| CAPTION - TITRE Satellite Site Operation - Morning Star | | Required to guard satellite site at Warden's Grove N.W.T. | | | |
| * CODE | | OVERTIME SURTEMPS | | INITIALS - INITIALES AB Cpl DATE 1 Mar 78 | |

RECORD OF LIEU TIME—RELEVÉ DES CONGÉS DE SURTEMPS

| | |
|-----------------------------|--|
| HRS. - H. | Previous Balance Total précédent |
| 21.5 | Balance this month Heures accumulées au cours du mois |
| TOTAL | |
| L.T.O. taken Congés pris | |
| Balance Excédent | |

TOTAL THIS PAGE
TOTAL DE CETTE PAGE

TOTAL FROM PREVIOUS PAGE
TOTAL REPORTÉ DE LA PAGE PRÉCÉDENTE

TOTAL 17 X1.5

COMPLETE BEYOND HERE ON FINAL PAGE ONLY
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CLAIMANT (Signature) DU REQUÉRANT

COLLATOR NO.
NO DE COLLATION

ADJUSTMENTS—AJUSTEMENT

UNIT-SERVICE

LOCATION-LIEU

TOTAL

RANK GRADE

REG. NO. - NO MATR

NAME-NOM

BANKED
RÉSERVE

WHEN IN ACTING POSITION PLACE "A" IN FRONT OF HOURLY RATE
EN CAS DE SUPPLÉANCE, METTRE UN "A" DEVANT "TAUX HORAIRE"

HOURLY RATE
TAUX HORAIRE

TOTAL FOR PAYMENT
TOTAL À RÉTRIBUER

**INDUSTRIAL
ELECTRONICS
LTD.**

PHONE (408) 435-4122
TELEX 037-2372

DATE 10 21 77

11175.222.

CONTENTS IS REASONABLE

7762

Post

INVOICE TOTAL 78 72

ITEMS ORDERED BUT NOT LISTED ARE PLACED ON BACK-ORDER UNLESS OTHERWISE ADVISED.

INVOICE COPY

DETAIL: Above batteries were sent out to Fort Reliance, N.W.T. with our Members in the S.S.B. radio. Members were not made aware that these were re-chargeable batteries and disposed of same when they could no longer be utilized. Batteries required to be replaced and the present cost of same is \$11.75 each (Total - \$105.75).

(J.A. Armstrong) S/Sgt.
i/c Yellowknife Det.

AIRCRAFT

| <u>DATE</u> | <u>TYPE</u> | <u>CODE</u> | <u>DETAILS</u> | <u>HOURS</u> |
|-------------|--------------|-------------|--|---------------|
| 78-01-30 | Single Otter | CF/MPP | Siting Patrol Snowdrift/ Reliance | 1.2 |
| 78-01-31 | Single Otter | CF/MPP | Transport members to Wardens Grove | 7.2 |
| 78-02-06 | Single Otter | CF/MPP | Return members from Wardens Grove to respective Dets. | 2.3 |
| 78-02-08 | Single Otter | CF/MPP | Return members from Wardens Grove to respective Dets. | 1.5 |
| | | | | <u>12.2 \</u> |

12.2 hours x 110 mph(average) = 1,342 miles x \$3.82 per mile = \$5,126.44 \

| | | | | |
|----------|------------|--------|--|---------------|
| 78-02-04 | Twin Otter | CF/MPB | Rotate members Wardens Grove | 6.1 |
| 78-02-05 | Twin Otter | CF/MPB | Return members from Reliance | 2.1 |
| 78-03-11 | Twin Otter | CF/MPF | Flew team Canadian Forces to Lake, 25 miles Northwest Cape Dorset and return | 1.9 |
| | | | | <u>10.1 \</u> |

10.1 hours x 160 mph (average)=1,616 miles x \$1.99 per mile = \$3,215.84 \

Total Aircraft: \$8,342.28 \

SKI-DOO

| <u>DATE</u> | <u>CODE NUMBER</u> | <u>DETAIL</u> | <u>HOURS</u> |
|-------------|--------------------|---|------------------|
| 78-02-03 | G49-3 | Patrol to area approx. 4 miles west of Snowdrift while helicopter absent from site, refuelling. | 6 |
| | | | |
| | | 6 hours @ \$2.50 = | <u>\$15.00 \</u> |

POLICE CAR

| <u>DATE</u> | <u>MILES</u> | <u>DETAILS</u> |
|-------------|--------------|--|
| 78-02-11 | 140 | Transporting personnel to |
| 78-02-13 | 140 | and from Rae, to meet aircraft in |
| | | Yellowknife. Members required for |
| | | guard duties at satellite sites. |
| | 220 | Misc. miles by Yellowknife, Hay River, |
| | | Snowdrift, Baker Lake, Cape Dorset |
| | | and Frobisher Bay Dets. |
| | <u>500</u> | |
| | | 500 miles @ 20¢ per mile = <u>\$100.00 \</u> |

SPECIAL PURCHASES

| | | |
|------|---|-----------------|
| 9 EA | CH4 Batteries - Rechargeables - for portable radios | |
| | @ \$9.80 = \$77.62 plus \$1.10 postage ----- | \$ 78.72 \ |
| | (Invoice Cardinal Ind. attached) | |
| 5 EA | Batteries - non-rechargeable, for portable radios | |
| | (Receipt from MacLeod's attached) ----- | 15.95 \ |
| | | <u>15.95</u> |
| | TOTAL----- | <u>\$ 94.67</u> |

TELEX 034-45513
TELEPHONE 873-4474

MACLEODS
AUTHORIZED DEALER
2M
MERCHANDISERS LTD.

BOX 640
YELLOWKNIFE

DATE, 6-2-2 197

NAME 1. C. D. S.

ADDRESS _____

[illegible]

35602

FLATPAKIT - MOORE BUSINESS FORMS

165

TRAVELLING EXPENSES (FORMS 1393 attached)

| <u>Reg.Nbr.</u> | <u>Rank</u> | <u>Name</u> | <u>Date(s)</u> | <u>Amount</u> |
|-----------------|-------------|-----------------|-------------------------------------|---------------|
| 31244 | Cst. | RAYNER, H.W. | 78-01-31 to 78-02-06 incl. | \$157.20 \ |
| 30406 | Cst. | LUCHTMEIJER, W. | 78-02-10 to 78-02-13 incl. | 55.55 \ |
| 30406 | Cst. | LUCHTMEIJER, W. | 78-02-03 to 78-02-05 incl. | 31.20 \ |
| 29766 | Cst. | MACKENZIE, A.A. | 78-02-04 to 78-02-08 incl. | 67.90 \ |
| 33844 | Cst. | BOWDEN, A.A. | 78-02-04 to 78-02-08 incl. | 35.30 \ |
| | | | | 26.15 \ |
| | | | TOTAL | 373.30 \ |

TRAVELLING

Expenses incurred to, from and at sites being guarded. Where patrol cabin rates shown, members purchased food to take to site to supplement rations supplied by D.N.D.

G1133

INCOME STATEMENT - ÉTAT DE COMPTE

| | |
|---|---------------------------------------|
| DIVISION "G" | DÉTACHMENT - DÉTACHEMENT Snowdrift |
| SUB-DIVISION - SOUS-DIVISION Yellowknife | PERIOD - DURÉE 14-jan-15 FEB 78 |

DETAILS - DÉTAILS

PATROL & CASE
INVESTIGATION
EXPENSES
DÉPENSES
PATROUILLE ET
ENQUÊTE

"HQ" USE ONLY
"RÉSERVÉ
À LA "DG"

#31244, Cst. H.W. RAYNER,
Transfer Expenses

14 Jan Attached receipt located after last F-93 submission.
Amount claimed as per receipt #1 attached.

\$56.52

G0412
- 220

SATELLITE SECURITY
ASS'T BAKER LAKE DET.
THELON GAME SANCTUARY AREA, N.W.T. 31 JAN-6 FEB78

Member departed Snowdrift, N.W.T. 12:00 Pm 31 Jan,
via CF-MPP. Member remained in Thelon area until 5 Feb,
at which time returned to Yellowknife, N.W.T.. Lodging
and meals claimed on personal d credit card for self and Cst.
GRINSTEAD, Baker Lake Det.. Member returned to Snowdrift
via CF-MPP 12:00 PM 6 FEB 78.

JAN
to
FEB

Patrol Cabin Composite Allowance 5 days @ ~~\$12.35~~ ^{13.10}

65.50
~~61.75~~

FEB

1 (B) @ ~~\$2.10~~ ^{2.15}, 1 (L) @ \$2.75
2 (D) @ \$8.50.
Lodging Expenses at Explorer Hotel (Receipt #2 att.)
Incidental Expenses.

4.90
~~4.85~~
17.00
55.35
3.90

G0632
200

FEB

2 (B) actual \$price \$6.65 ^{Rayner 3.40} (charged to room neither
member carrying cash while in 'bush'.)
Incidental Expenses.

6.65
3.90

157.20

Rayner

147

0.00 T1

65.50 +1

4.90 +1

17.00 +1

55.35 +1

3.90 +1

6.65 +1

3.90 +1

157.20 S1

157.20 T1

EXPENSE CLAIM
DEMANDE D'INDEMNITÉ

Detachment

| DATE | DETAILS-DÉTAILS | EXPENSES DÉPENSES | DIV. USE ONLY RÉSERVE À LA DIV. |
|-----------|---|--------------------------------------|---------------------------------------|
| 10 FEB 78 | Airporter Bus Transport from Edmonton to the International airport. OPERATION MORNING LIGHT * ASSIST D.N.D. Snowdrift Site 10 - 13 FEB 78 Depart for Snowdrift site 3.30 pm 10 FEB 78. Return to Yellowknife at approx. 4.30 pm the 13 FEB 78. | 3.00 | |
| 10 | MEALS: Patrol Cabin Rates 1(D) INC EX | 5.95 - 2.25 - | |
| 11 | MEALS " " " 1(B) 1(L) 1(D) INC EX | 2.15 - 2.75 - 5.95 - 2.25 - | |
| 12 | MEALS " " " 1(B) 1(L) 1(D) INC EX | 2.15 - 2.75 - 5.95 - 2.25 - | |
| 13 | MEALS " " " 1(B) 1(L) INC EX | 2.15 - 2.75 - 2.25 - | |
| 15 | Drycleaning expenses re: Articles of Uniform badly stained and damaged on Operation Morning light at Sattellite One and at the Snowdrift site. Receipt attached. | 14.00 14.00 | |

I certify that these expenses were incurred on government business.
Je certifie que les dépenses indiquées ci-dessus ont été occasionnées par suite d'affaires gouvernementales autorisées.

I certify that these services were performed, that the prices are reasonable and just, and that travel was authorized.
Je certifie que les services susmentionnés ont été rendus, que les prix sont justes et raisonnables, et que le voyage a été autorisé.

TOTAL EXPENSES
TOTAL DES DÉPENSES\$ 148.55
131.65LESS TEMPORARY
PERSONAL ADVANCE
MOINS L'AVANCE
PERSONNELLE

\$.00

AMOUNT DUE CLAIMANT
MONTANT DÙ
AU RECLAMANT.

\$ 148.55

AMOUNT DUE DIVISION
CONTINGENCY ACCOUNT
MONTANT DÙ AU COMPTE
D'ÉVENTUALITÉS

\$ 148.55

SIGNATURE

SIGNATURE

Given Name-Prénoms

Initial-Initiale

Surname-Nom de famille

Reg/Officer No.

N° matr. de l'officier

WILLEM
CLAMANT

LUCHTMEIJER

30106

CERTIFIED PURSUANT TO SECTION 27 OF THE FINANCIAL ADMINISTRATION ACT.

Reviewed by-Revusé par

Audited by-Vérifié par

CHEQUE NO.
N° DE CHEQUE

DATE

CERTIFIÉ EN VERTU DE L'ARTICLE 27 DE LA LOI
FINANCIAIRE.

169

TT

| | |
|--------------|----|
| 5.95 | +1 |
| 2.25 | +1 |
| 2.15 | +1 |
| 2.75 | +1 |
| 5.95 | +1 |
| 2.25 | +1 |
| 2.15 | +1 |
| 2.75 | +1 |
| 5.95 | +1 |
| 2.25 | +1 |
| 2.15 | +1 |
| 2.75 | +1 |
| 2.25 | +1 |
| 14.00 | +1 |
| 55.55 | T1 |
| 31.20 | |
| <u>86.75</u> | |



ROYAL CANADIAN
MOUNTED POLICE

GENDARMERIE ROYALE
DU CANADA

EXPENSE CLAIM
DEMANDE D'INDEMNITÉ

Document disclosed under the Access to Information Act -
Document divulgué en vertu de la Loi sur l'accès à l'information

UNIT-SERVICE

Detachment

| DATE | DETAILS-DÉTAILS | EXPENSES DÉPENSES | DIV. USE ONLY RÉSERVE À LA DIV. |
|------|--|--------------------------------------|---------------------------------------|
| b 78 | OPERATION MORNING LIGHT * ASSIST D.N.D. Reliance Site 03-05 February 1978 Depart for Reliance Site, Satellite One, at approx. 10.00 am, 03 FEB 78. Return to Yellowknife at approx. 2.30 pm the 05 FEB 78. | | |
| 03 | MEALS: Patrol Cabin rates 1(L) 1(D) 1 Inc Ex. | 2.75 - 5.95 - 2.25 - | |
| 04 | MEALS " " " 1(B) 1(L) 1(D) 1 INC EX | 2.15 - 2.75 - 5.95 - 2.25 - | |
| 05 | MEALS " " " 1(B) 1(L) 1 INC EX | 2.15 - 2.75 - 2.25 - | |
| | SAKITO. G. Prisoner Escort to Edmonton | | |

Original As is

31.20

86.75

Luchtmeijer

Original As is

171

| | |
|-------|----|
| 0.00 | T1 |
| 2.75 | +1 |
| 5.95 | +1 |
| 2.25 | +1 |
| 2.15 | +1 |
| 2.75 | +1 |
| 5.95 | +1 |
| 2.25 | +1 |
| 2.15 | +1 |
| 2.75 | +1 |
| 2.25 | +1 |
| 31.20 | T1 |

USE CLAIM DEMANDE D'INDEMNITÉ

COLLATOR NO. N° DE COLLATION G0536
UNIT-SERVICE Hay River High. Pat.

DETAILS-DÉTAILS

EXPENSES
DÉPENSES

DIV. USE ONLY
RESERVE
A LA DIV.

Cosmos Satellite Site Recovery Operation - Morning Star

Departed Hay River 4 Feb 78 for Warden's Grove, NWT via CF-MPB. Arrived Warden's Grove at 1:45 PM. Departed Satellite Site 1 at 7 Feb 78, 3:20 PM for Yellowknife. Arrived Yellowknife at 9:00 PM. Departed Yellowknife at 9:00 AM, 8 Feb 78 via CF-MPP for Hay River. Arrived Hay River at 11:30 AM

| | | |
|-----|--|-------|
| b78 | Incidental Expenses | 2.25 |
| b78 | Incidental Expenses | 2.25 |
| b78 | Incidental Expenses | 2.25 |
| b78 | Accommodation at Yellowknife Inn, Yellowknife, NWT @ \$35.00. Receipt #1 attached. | 35.00 |
| | 1 (D) @ \$8.50 | 8.50 |
| | Incidental Expenses | 2.25 |
| | | 3.90 |
| b78 | 1 (B) @ \$3.10 | 3.10 |
| | Incidental Expenses | 3.90 |
| | Dry cleaning of one Northern Parka and one pair of long blues. Clothing soiled while at Satellite Site at Warden's Grove. Receipt #2 attached..... Also cleaned were three shirts. | 8.70 |
| | | 6.75 |

I certify that these expenses were incurred on my business.
Je certifie que les dépenses indiquées ci-dessus ont été occasionnées par suite d'affaires professionnelles autorisées.

I certify that these services were performed, that the prices are reasonable and just, and that travel was authorized.
Je certifie que les services susmentionnés ont été rendus, que les prix sont justes et raisonnables, et que le voyage a été autorisé.

TOTAL EXPENSES
TOTAL DES DÉPENSES

\$ 67.45
63.20

LESS TEMPORARY
PERSONAL ADVANCE
MOINS L'AVANCE
PERSONNELLE

\$ 67.45

AMOUNT DUE CLAIMANT
MONTANT DÙ
AU RÉCLAMANT

\$ 67.45
63.20

AMOUNT DUE DIVISION
CONTINGENCY ACCOUNT
MONTANT DÙ AU COMPTÉ
DIV. D'ÉVENTUALITÉS

\$ 67.45
63.20

SIGNATURE
MANT
AMANT
Given Name-Prénoms
Justin

Initial-Initiale
A.

Surname-Nom de famille
MackENZIE

Reg/Officer No.
N° matr. de l'officier
2766

IFIED PURSUANT TO SECTION 27 OF THE FIN-
AL ADMINISTRATION ACT.
IFIÉ EN VERTU DE L'ARTICLE 27 DE LA LOI
FINANCIÈRE.

Reviewed by-Révisé par

Audited by-Vérifié par

CHEQUE NO.
N° DE CHÈQUE

DATE

000182

173

0.00 T1
2.25 +1
2.25 +1
2.25 +1
35.00 +1
8.50 +1
3.90 +1
3.10 +1
3.90 +1
6.75 +1
67.90 T1



ROYAL CANADIAN
MOUNTED POLICE

GENDARMERIE ROYALE
DU CANADA

EXPENSE CLAIM
DEMANDE D'INDEMNITÉ

Document disclosed under the Access to Information Act -
Document divulgué en vertu de la Loi sur l'accès à l'information

UNIT-SERVICE

Hay River Detachment

| DATE | SUPPLEMENTARY | DETAILS-DÉTAILS | EXPENSES DÉPENSES | DIV. USE ONLY RÉSERVÉ À LA DIV. |
|-----------|---------------|---|----------------------|---------------------------------------|
| | | Cosmos Satellite Site Recovery Operation - Morning Star | | |
| | | Departed Hay River 4 FEB 78 for Warden's Grove, N.W.T. via CF-MPB. Arrived Warden's Grove at 1:45 PM. Departed Satellite Site, 8 FEB 78 at 3:20 PM for Yellowknife. Arrived Yellowknife at 9:00 PM. Departed Yellowknife at 9:00 AM, 8 FEB 78 via CF-MPP for Hay River. Arrived Hay River at 11:30 AM. Following meals taken at patrol cabin rates | | |
| 04 FEB 78 | | Lunch @ \$2.75 Dinner @ \$5.95 | 2.75 5.95 | 60632 200 |
| 05 FEB 78 | | Breakfast @ \$2.15 Lunch @ \$2.75 Dinner @ \$5.95 | 2.15 2.75 5.95 | |
| 06 FEB 78 | | Breakfast @ \$2.15 Lunch @ \$2.75 Dinner @ \$5.95 | 2.15 2.75 5.95 | |
| 07 FEB 78 | | Breakfast @ \$2.15 Lunch @ \$2.75 | 2.15 2.75 | |

I.E. Pardon previous
1393

| | | | | | | |
|--|------------------------------|---|----------------------------------|---|----------------------------|------|
| I certify that these expenses were incurred on Government business. Je certifie que les dépenses indiquées ci-dessus ont été occasionnées par suite d'affaires gouvernementales autorisées. | | I certify that these services were performed, that the prices are reasonable and just, and that travel was authorized. Je certifie que les services susmentionnés ont été rendus, que les prix sont justes et raisonnables, et que le voyage a été autorisé. | | TOTAL EXPENSES TOTAL DES DÉPENSES | \$ 35.30 | |
| A. A. Bowden | | UNIT COMMANDER RESPONSABLE DU CORPS | | LESS TEMPORARY PERSONAL ADVANCE MOINS L'AVANCE PERSONNELLE | \$ | |
| | | | | AMOUNT DUE CLAIMANT MONTANT DU AU RÉCLAMANT | \$ 35.30 | |
| | | | | AMOUNT DUE DIVISION CONTINGENCY ACCOUNT MONTANT DU AU COMPTE DIV. D'ÉVENTUALITÉS | \$ | |
| CLAIMANT RÉCLAMANT | Given Name-Prénoms Andrew | Initial-Initiale A. | Surname-Nom de famille Bowden | Reg/Officer No. N° mat. de l'officier 33844 | | |
| CERTIFIED PURSUANT TO SECTION 27 OF THE FINANCIAL ADMINISTRATION ACT. CERTIFIÉ EN VERTU DE L'ARTICLE 27 DE LA LOI SUR L'ADMINISTRATION FINANCIÈRE. | | | Reviewed by-Révisé par | Audited by-Véifié par | CHEQUE NO. N° DE CHEQUE | DATE |

000184

175

0.00 T1

2.75 +1

5.95 +1

2.15 +1

2.75 +1

5.95 +1

2.15 +1

2.75 +1

5.95 +1

2.15 +1

2.75 +1

35.30 T1

26.15

61.45



ROYAL CANADIAN
MOUNTED POLICE

GENDARMERIE ROYALE
DU CANADA

EXPENSE CLAIM
DEMANDE D'INDEMNITÉ

UNIT-SERVICE

Hay River Detachment

| DATE | SUPPLEMENTARY | DETAILS-DÉTAILS | EXPENSES DÉPENSES | DIV. USE ONLY RÉSERVE À LA DIV. |
|----------|---------------|---|---------------------------------|---------------------------------------|
| | | Cosmos Satellite Site Recovery Operation - Morning Star | | |
| | | Departed Hay River 4 Feb 78 for Warden's Grove, NWT via CF-IPB. Arrived Warden's Grove at 1:45pm. Departed Satellite Site, 7 Feb 78 at 3:20pm for Yellowknife. Arrived Yellowknife at 9:00pm. Departed Yellowknife at 9:00am, 8 Feb 78 via CF-MPP for Hay River. Arrived Hay River at 11:30am. | | |
| 4 Feb 78 | | Incidental Expenses | 2.25 | |
| 5 Feb 78 | | Incidental Expenses | 2.25 | |
| 6 Feb 78 | | Incidental Expenses | 2.25 | |
| 7 Feb 78 | | Accommodation at Yellowknife Inn, Yellowknife, NWT. Accommodation shared with Cst. MacKENZIE and paid for in full by him. 1 (D) @ \$8.50 Incidental expenses | 8.50 2.25 3.90 | |
| 8 Feb 78 | | 1 (B) @ \$3.10 Incidental Expenses | 3.10 3.90 | |
| | | Dry cleaning of one Northern Parka, one pair of issue trousers, Receipts #1 and #2 attached. | | |

G0632
200

out
474

26.15
35.30
61.45

Bowden.

26.15

177

0.00 T1
2.25 +1
2.25 +1
2.25 +1
8.50 +1
3.90 +1
3.10 +1
3.90 +1
26.15 T1

Annex IX

| DATE(S) | NAME | RANK | REG.NBR. | HRS. | RATE | TOTAL | O/T HRS | CONVERTED O.T. | RATE | TOTAL |
|------------------------|-------------------|--------|----------|------|-------|--------|------------|-------------------|------|-------|
| 78-01-29 | HORSMAN, G.R. | CPL. | 25510 | 4 | 9.52 | 38.08 | | | | |
| 78-01-29 | WISHNOWSKI, L.V. | CST. | 27943 | | | | 3.5 | 5 | 9.10 | 45.50 |
| 78-01-29 | OTTMAN, W.B. | CST. | 31538 | | | | 4.5 | 7 | 8.34 | 58.38 |
| 78-01-29 | OTTMAN, W.B. | CST. | 31538 | 40 | 8.34 | 333.60 | | | | |
| to 78-02-3 incl. | | | | | | | | | | |
| 78-01-29 | REINHARDT, R.P. | CST. | 29706 | 40 | 9.10 | 364.00 | | | | |
| to 78-02-3 incl. | | | | | | | | | | |
| 78-01-29 | WALKER, S.K. | CST. | 31037 | 4 | 9.10 | 36.40 | | | | |
| 78-01-29 | ARMSTRONG, J.A. | S/SGT. | 19103 | 1 | 11.58 | 11.58 | | | | |
| 78-01-30 | ARMSTRONG, J.A. | S/SGT. | 19103 | 1 | 11.58 | 11.58 | | | | |
| 78-01-31 | ARMSTRONG, J.A. | S/SGT. | 19103 | 8 | 11.58 | 92.64 | | | | |
| 78-02-01 | ARMSTRONG, J.A. | S/SGT. | 19103 | 8 | 11.58 | 92.64 | | | | |
| 78-02-02 | ARMSTRONG, J.A. | S/SGT. | 19103 | 5 | 11.58 | 57.90 | | | | |
| 78-02-03 | ARMSTRONG, J.A. | S/SGT. | 19103 | 5 | 11.58 | 57.90 | | | | |
| 78-02-04 | ARMSTRONG, J.A. | S/SGT. | 19103 | 1 | 11.58 | 11.58 | | | | |
| 78-02-05 | ARMSTRONG, J.A. | S/SGT. | 19103 | 1 | 11.58 | 11.58 | | | | |
| 78-02-06 | ARMSTRONG, J.A. | S/SGT. | 19103 | 2 | 11.58 | 23.16 | | | | |
| 78-01-31 | PHELAN, A. | S/CST. | 396 | | | | 4 | 6 | 6.39 | 38.34 |
| 78-01-31 | HOBBS, R.W. | CST. | 29401 | 1.5 | 9.10 | 13.65 | | | | |
| 78-01-31 | HARTWIG, B.H. | CST. | 28149 | 1.5 | 9.10 | 13.65 | | | | |
| 78-01-31 | DRISDELLE, J.J.R. | CST. | 29560 | .5 | 9.10 | 4.55 | 2 | 3 | 9.10 | 27.30 |
| 78-02-01 | WESTWOOD, A.K. | CPL. | 21935 | 2.5 | 9.88 | 24.70 | | | | |
| 78-02-01 | NORTH, E. | CST. | 29547 | 3 | 9.10 | 27.30 | | | | |
| 78-02-01 | HARRISON, R.S. | CST. | 30726 | 4 | 9.10 | 36.40 | | | | |
| 78-02-01 | LUCHTMEIJER, W. | CST. | 30406 | 3 | 9.10 | 27.30 | | | | |
| 78-02-10 | LUCHTMEIJER, W. | CST. | 30406 | 1 | 9.10 | 9.10 | 5 | 7.5 | 9.10 | 68.25 |
| 78-02-11 | LUCHTMEIJER, W. | CST. | 30406 | 8 | 9.10 | 72.80 | 5 | 7.5 | 9.10 | 68.25 |

149

-2-

| DATE(s) | NAME | RANK | REG.NBR. | HOURS | RATE | TOTAL | O/T | CONVERTED | | RATE | TOTAL |
|----------|-------------------|--------|----------|-------|-------|-------|-----|-----------|--|-------|--------|
| | | | | | | | HRS | O/T | | | |
| 78-02-12 | LUCHTMEIJER, W. | CST. | 30406 | 8 | 9.10 | 72.80 | | | | | |
| 78-02-13 | LUCHTMEIJER, W. | CST. | 30406 | | | | 8 \ | 12 | | 9.10 | 109.20 |
| 78-02-11 | McCARATHY, R.G.H. | CPL. | 22363 | 3 | 9.88 | 29.64 | | | | | |
| 78-02-13 | McCARATHY, R.G.H. | CPL. | 22363 | 3 | 9.88 | 29.64 | | | | | |
| 78-02-11 | WOODS, R.G. | CST. | 31699 | 8 | 8.34 | 66.72 | | | | | |
| 78-02-12 | WOODS, R.G. | CST. | 31699 | 8 | 8.34 | 66.72 | | | | | |
| 78-02-13 | WOODS, R.G. | CST. | 31699 | 8 | 8.34 | 66.72 | | | | | |
| 78-02-03 | LUCHTMEIJER, W. | CST. | 30406 | | | | 8 \ | 12 | | 9.10 | 109.20 |
| 78-02-04 | LUCHTMEIJER, W. | CST. | 30406 | | | | 8 \ | 12 | | 9.10 | 109.20 |
| 78-02-05 | LUCHTMEIJER, W. | CST. | 30406 | | | | 8 \ | 12 | | 9.10 | 109.20 |
| 78-01-30 | REID, W.D. | CPL. | 30303 | | | | 1.5 | 2 | | 9.88 | 19.76 |
| 78-01-31 | REID, W.D. | CPL. | 30303 | | | | 11 | 16.5 | | 9.88 | 163.02 |
| 78-02-04 | REID, W.D. | CPL. | 30303 | | | | 8 | 12 | | 9.88 | 118.56 |
| 78-02-05 | REID, W.D. | CPL. | 30303 | | | | 4.5 | 7 | | 9.88 | 69.16 |
| 78-02-06 | SABEY, A.L. | S/SGT. | 23516 | 4 | 11.58 | 46.32 | | | | | |
| 78-02-08 | SABEY, A.L. | S/SGT. | 23516 | 7 | 11.58 | 81.06 | | | | | |
| 78-02-04 | SABEY, A.L. | S/SGT. | 23516 | | | | 8 | 12 | | 11.58 | 138.96 |
| 78-01-31 | ECCLESTON, J.L. | C/M | 1935 | 8 | 8.09 | 64.72 | | | | | |
| 78-01-31 | ECCLESTON, J.L. | C/M | 1935 | | | | 3.5 | 5.0 | | 8.09 | 40.45 |
| 78-01-31 | LOK, K. | CPL. | 26857 | 3 | 9.52 | 28.56 | | | | | |
| 78-02-01 | GRINSTEAD, R.J. | CST. | 32913 | 3 | 9.52 | 28.56 | | | | | |
| 78-02-02 | GRINSTEAD, R.J. | CST. | 32913 | 3 | 9.52 | 28.56 | | | | | |
| 78-02-03 | GRINSTEAD, R.J. | CST. | 32913 | 2 | 9.52 | 19.04 | | | | | |
| 78-02-04 | GRINSTEAD, R.J. | CST. | 32913 | 2 | 9.52 | 19.04 | | | | | |
| 78-02-05 | GRINSTEAD, R.J. | CST. | 32913 | 1 | 9.52 | 9.52 | | | | | |
| 78-02-06 | GRINSTEAD, R.J. | CST. | 32913 | 1 | 9.52 | 9.52 | | | | | |
| 78-02-09 | GRINSTEAD, R.J. | CST. | 32913 | 1 | 9.52 | 9.52 | | | | | |
| 78-01-31 | GRINSTEAD, R.J. | CST. | 32913 | 8 | 7.62 | 60.96 | | | | | |

-3-

| DATE(s) | NAME | RANK | REG.NBR. | HRS | RATE | TOTAL | O/T HRS | CONVERTED O.T. | RATE | TOTAL |
|----------|-----------------|------|----------|-----|------|-------|------------|-------------------|------|-------|
| 78-02-01 | GRINSTEAD, R.J. | CST. | 32913 | 8 | 7.62 | 60.96 | | | | |
| 78-02-02 | GRINSTEAD, R.J. | CST. | 32913 | 8 | 7.62 | 60.96 | | | | |
| 78-02-03 | GRINSTEAD, R.J. | CST. | 32913 | 8 | 7.62 | 60.96 | | | | |
| 78-02-04 | GRINSTEAD, R.J. | CST. | 32913 | | | | 8 | 12 | 7.62 | 91.44 |
| 78-02-15 | GRINSTEAD, R.J. | CST. | 32913 | | | | 8 | 12 | 7.62 | 91.44 |
| 78-02-06 | GRINSTEAD, R.J. | CST. | 32913 | 8 | 7.62 | 60.96 | | | | |
| 78-02-26 | GRINSTEAD, R.J. | CST. | 32913 | 8 | 7.62 | 60.96 | | | | |
| 78-02-27 | GRINSTEAD, R.J. | CST. | 32913 | 4 | 7.62 | 30.48 | | | | |
| 78-02-04 | BOWDEN, A.A. | CST. | 33844 | 12 | 6.47 | 77.64 | | | | |
| 78-02-05 | BOWDEN, A.A. | CST. | 33844 | 12 | 6.47 | 77.64 | | | | |
| 78-02-06 | BOWDEN, A.A. | CST. | 33844 | 13 | 6.47 | 84.11 | | | | |
| 78-02-07 | BOWDEN, A.A. | CST. | 33844 | 12 | 6.47 | 77.64 | | | | |
| 78-02-08 | BOWDEN, A.A. | CST. | 33844 | 4 | 6.47 | 25.88 | | | | |
| 78-02-04 | MacKENZIE, A.A. | CST. | 29766 | 8 | 9.10 | 72.80 | 4 | 6 | 9.10 | 54.60 |
| 78-02-05 | MacKENZIE, A.A. | CST. | 29766 | 8 | 9.10 | 72.80 | 4 | 6 | 9.10 | 54.60 |
| 78-02-06 | MacKENZIE, A.A. | CST. | 29766 | 8 | 9.10 | 72.80 | 5 | 7.5 | 9.10 | 68.25 |
| 78-02-07 | MacKENZIE, A.A. | CST. | 29766 | 8 | 9.10 | 72.80 | 4 | 6 | 9.10 | 54.60 |
| 78-02-08 | MacKENZIE, A.A. | CST. | 29766 | 4 | 9.10 | 36.40 | | | | |
| 78-02-03 | GREBER, L.A. | CPL. | 27081 | 6 | 9.52 | 57.12 | | | | |
| 78-02-31 | RAYNER, | CST. | 31244 | 4 | 8.34 | 33.36 | | | | |
| 78-02-01 | RAYNER, | CST. | 31244 | 8 | 8.34 | 66.72 | | | | |
| 78-02-02 | RAYNER, | CST. | 31244 | 8 | 8.34 | 66.72 | | | | |
| 78-02-03 | RAYNER, | CST. | 31244 | 8 | 8.34 | 66.72 | | | | |
| 78-02-04 | RAYNER, | CST. | 31244 | 8 | 8.34 | 66.72 | | | | |
| 78-02-05 | RAYNER, | CST. | 31244 | 8 | 8.34 | 66.72 | | | | |

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| DATE(s) | NAME | RANK | REG.NBR. | HRS | RATE | TOTAL | O/T CONVERTED | | RATE | TOTAL |
|-----------|----------------|--------|----------|-----|-------|--------------------|---------------|-----|------|------------------|
| | | | | | | | HRS | O/T | | |
| 78-02-06 | RAYNER | CST. | 31244 | 4 | 8.34 | 33.36 | | | | |
| 78-01-29* | RECHNER, G. | INSP. | 0.920 | 16 | 13.20 | 211.20 | | | | |
| to | | | | | | | | | | |
| 78-02-15 | | | | | | | | | | |
| incl. | | | | | | | | | | |
| 78-01-29 | *LAMBERT, J.G. | S/SGT. | 18580 | 10 | 11.58 | <u>115.80</u> | | | | |
| to | | | | | | | | | | |
| 78-02-15 | | | | | | | | | | |
| incl. | | | | | | | | | | |
| | | | | | | REGULAR TIME TOTAL | | | | <u>\$3899.94</u> |

OVERTIME TOTAL \$1707.66

GRAND TOTAL \$5607.60

* MEMBERS ARE O.C. & S/DIVISION N.C.O. OF YELLOWKNIFE SUB-DIVISION
INVOLVED IN THE ADMINISTRATION AND CO-ORDINATION OF MEMBERS AND FLIGHTS.
HOURS SHOWN ARE ESTIMATED.

GS-785-47

BY HAND - CONFIDENTIAL

August 16, 1978.

Mr. Lloyd Younger,
Legal Services,
Ministry of the Solicitor General,
340 Laurier Avenue, West,
Ottawa, Ontario.
K1A 0P8

Dear Sir:

Re: Soviet Cosmos Satellite
Claim against U.S.S.R.

This will serve to bring you up to date on the status of the claim against the U.S.S.R. arising out of the Cosmos 954 incident.

As you are aware, the inter-departmental group of legal advisers preparing material on this claim met on August 4th last, with Mr. W.H. Montgomery, Director, Legal Advisory Division, Department of External Affairs, presiding.

A draft memorandum setting out the basis and amount of this claim, to be presented initially to the Inter-departmental Committee chaired by the Under Secretary of State for External Affairs, and then to the interested Ministers, had been circulated to most departments in advance of the meeting. The contents of the memorandum were discussed in considerable detail and a number of changes were recommended and agreed upon. I am attaching a copy of this draft memorandum with related annexes for your easy reference.

It was agreed that the memorandum should be re-written to reflect the many recommended changes. Mr. Montgomery undertook to do this. It is proposed thereafter

...2

- 2 -

to circulate the revision among the group of legal advisers who are to examine it and very quickly decide whether to reconvene for further discussion. Mr. Montgomery is also to prepare a supplementary note to the Inter-departmental Committee setting out a number of other recommendations the legal advisers feel should be placed before that Committee but not form a part of the memorandum itself, which it was agreed is to be limited solely to the claim against the U.S.S.R. These recommendations include the matter of making an appropriate public statement, and failing success with the claim the recommendation to go to a Claims Commission established under the 1972 Liability Convention (Convention on International Liability for Damage Caused by Space Objects, 1972).

Since the changes to be made to the draft memorandum and the recommendations to be included in the supplementary note are numerous, and since both will be distributed to the inter-departmental group of legal advisers later this month and before submission to the Committee in early September, it is considered unnecessary to attempt to set these out at this time.

In conclusion, it was also agreed that departments undertake to review the costs they have incurred in respect of this claim, ensuring that only incremental costs (page 2 of the draft memorandum) incurred between January 24 and April 20, 1978 are claimed. External Affairs asked that departments submit their claims in the form of affidavits by late August. Our Financial Management Branch is attending to this in consultation with Legal Branch.

It is hoped that this will serve to bring you up to date on this matter.

Yours truly,

F. Boivin, Supt.
Officer in Charge,
Legal Branch.

Encl.

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Department of External Affairs



Canada

Ministère des Affaires extérieures

OTTAWA, K1A 0G2

July 28, 1978

CONFIDENTIAL

Dear Mr. Bissonnette,

Re: Cosmos 954 Satellite; Claim against the USSR

The interdepartmental group of legal advisers preparing material on the claim against the USSR arising out of the Cosmos 954 satellite incident will be meeting on Friday, August 4, 1978 at 9:30 a.m. to finalize material on the claim. It is proposed that this material be submitted initially to the Interdepartmental Committee chaired by the Under Secretary of State for External Affairs and then to the interested Ministers including Mr. Blais. As the RCMP has incurred costs that are being considered for inclusion in the claim, a legal adviser from your department is invited to attend the meeting which will be held in the conference room of the Bureau of Legal Affairs, 4th floor, Tower A, L.B. Pearson Building, 125 Sussex Drive, Ottawa. At a previous meeting on this subject devoted to the question of the costs that had been incurred, Sgt. B. Cooper of "S" Directorate, attended on behalf of the RCMP.

With regard to the statement of costs on the Cosmos 954 incident submitted to this department for consideration by the group of legal advisers for their ultimate inclusion in the claim, attached you will find a schedule entitled "Costs by department" which gives a statement of total and incremental costs incurred by the various departments and agencies between January 24 and April 20, 1978 on this matter.

Mr. P.A. Bissonnette,
Deputy Solicitor General,
Ministry of the Solicitor General,
340 Laurier, Suite 323,
Sir Wilfrid Laurier Building,
Ottawa, K1A 0P8.

.../2

cc: Sgt. B.F. Cooper, R.C.M.P. ✓
"S" Directorate.

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~~I would ask that this schedule be examined and verified
as to the correctness of the costs listed as being
incurred by the R.C.M.P.?~~

Yours sincerely,

M.D. Copithorne,
Director General,
Bureau of Legal Affairs.

SCHEDULE

COSTS BY DEPARTMENT

STATEMENT OF TOTAL AND INCREMENTAL COSTS

(January 24 - April 20, 1978)

| <u>Department or Agency</u> | <u>Total Costs</u> | <u>Incremental Costs</u> |
|---|---------------------|--|
| DND | | |
| a) Personnel Costs (military and civilian) | 2,106,135.00 | 549,234.00 |
| b) Aircraft Costs | 7,254,517.00 | 2,162,575.00 |
| c) Fees paid to non DND agencies | 201,901.00 | 201,901.00 |
| d) Materials Costs | 829,651.00 | 771,005.00 |
| e) Miscellaneous costs | 9,909.00 | 9,909.00 |
| f) Costs of DND administration | <u>1,040,211.00</u> | <u>370,426.00</u> |
| Total: | 11,442,324.00 | 4,075,050.00 |
| HEALTH AND WELFARE | 22,384.00 | 12,372.00 |
| E.C.P. | <u>14,523.76</u> | <u>10,697.07</u> + 913.30 (11,610.37)? Ct Reinhardt |
| E.M.R. | 297,386.68 | 256,079.02 |
| A.E.C.B. | <u>380,246.97</u> | <u>380,246.97</u> |
| <u>TOTAL:</u> | 12,176,865.41 | 4,734,445.06 |

revised summary 187

OPERATION MORNINGLIGHT
SUMMARY OF COSTS - DEPARTMENT OF NATIONAL DEFENCE
AS AT 3 AUGUST 1978

| <u>DNDP55 Serial</u> | <u>Item</u> | <u>Total Cost</u> | <u>Incremental Cost</u> |
|--------------------------|---|---------------------|-------------------------|
| 1 | Military Personnel Costs | \$ 1,574,502 | \$ - |
| 2 | Reserve Force Personnel | - | - |
| 3 | Rations & Quarters | 48,466 | 48,466 |
| 4 | Temporary Duty | 511,062 | 511,062 |
| 5 | Civilian Personnel Costs | 38,982 | - |
| 6 | Casual Labour | - | - |
| 7 | Civilian Overtime | 22,117 | 22,117 |
| 8 | Fees Paid to Non-DND Agencies | 201,626 | 201,626 |
| 9 | Repairing, Restoring, Rewarehousing | 57 | 57 |
| 10 | Aircraft Costs | 7,375,917 | 2,216,253 |
| 11 | Materials Consumed, Lost, Destroyed | 471,556 | 471,556 |
| 12 | Vehicles | 73,601 | 18,579 |
| 13 | Transportation of Personnel & Freight on Regular Scheduled Flights | 20,817 | - |
| 14 | Rental for Buildings & Facilities | 20,303 | 20,303 |
| 15 | Caretaker Wages for Serial 14 | - | - |
| 16 | Miscellaneous Costs | 33,770 | 33,770 |
| | Sub Totals | \$10,392,776 | \$3,543,789 |
| | Cost of DND Administration | 1,039,278 | 354,379 |
| | Totals | <u>\$11,432,054</u> | <u>\$3,898,168</u> |

D R A F T 1

CONFIDENTIAL

MEMORANDUM TO: THE MINISTERS OF ENERGY, MINES AND RESOURCES,
ENVIRONMENT, INDIAN AND NORTHERN AFFAIRS,
HEALTH AND WELFARE, JUSTICE AND NATIONAL
DEFENCE, THE SECRETARY OF STATE FOR EXTERNAL
AFFAIRS AND THE SOLICITOR-GENERAL

FROM: INTERDEPARTMENTAL COMMITTEE ON THE COSMOS 954
SATELLITE CLAIM

SUBJECT: COSMOS 954 SATELLITE - CLAIM AGAINST THE USSR

I. Introduction

1. The purpose of this memorandum is to place before you the recommendations of the Interdepartmental Committee having responsibility for the preparation of the claim against the USSR in connexion with the COSMOS 954 incident. [The recommendations are based on the conclusions of legal advisers of the departments concerned, and are directed to obtaining your approval for the preparation of an interim claim.]

2. Fragments from the nuclear-powered COSMOS 954 satellite entered Canada on January 24, 1978. The search for the radioactive debris of COSMOS 954 began almost immediately. During the operations, substantial assistance was rendered by U.S. authorities. ^(w/ld their costs) The work of search, recovery, removal, testing and clean-up has given rise to costs incurred by ^{AECB} DND, EMR, H&W and the Solicitor General. Costs incurred up to April 20, 1978, the date on which lead responsibility in the operations shifted from DND TO AECB, amount to approximately \$12,000,000 total, \$4,700,000 incremental (excluding USA costs). Costs have been incurred since April 20, 1978 and will continue to be incurred until

.../2

- 2 -

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the search for radioactive elements of COSMOS 954 is terminated. As a result of these operations, many radioactive fragments were recovered including two fragments which, if not recovered, could have caused serious injury to any person coming into contact with them at any time during the next several years. There is also the question of compensation for damage to persons and property that may be identified [e.g., injury to persons, diminution in tourist trade or loss of income from fisheries]. To date no such damage has been identified although the interim claim will reserve the right to claim for such damage in the future.

II. Issues

There are three principal issues which Ministers are requested to address on the basis of information and advice set forth below:

(1) legal basis of Canada's claim; (2) costs eligible for inclusion in the claim and (3) whether USA costs can be included in the claim.

(1) Legal basis of Canada's claim¹

4. The Interdepartmental Group of Legal Advisers considers that sufficient proof exists to establish that the satellite debris collected during the operations comes from the Soviet satellite COSMOS 954. On review of the relevant legal aspects, legal advisers also consider that a claim by Canada for compensation should be based primarily on the absolute liability provision of the 1972 Convention

.../3

1. See Annex A for more detailed presentation.

000199

on International Liability for Damage Caused by Space Objects, supported as necessary by general principles of international law. This Convention is directed specifically to liability for damage, as defined therein, and the provision of a full and equitable measure of compensation for such damage.

5. The advantages of the Convention are that the launching state is absolutely liable ^{with no proof of fault} and that the Convention provides for: (a) determination of the amount of compensation, (b) negotiations with a view to settlement of the claim, and (c) if necessary, the establishment of a Claims Commission to consider the claim and render an award.

6. The major disadvantage of the Convention is that it may be argued that damage under the Convention is, on a literal ^{narrow} reading, restricted to ^{physical} actual damage:

"....loss of life, personal injury or other impairment of health; or loss of or damage to property of States or of persons...."
(Article I(a)).

^{or remove}
^(therefore)
^{however,} For Canada's claim to succeed under the Convention, the term "damage" must receive a liberal interpretation to encompass the situation where the presence of hazardous radioactive COSMOS 954 debris on Canadian territory not only caused ^{immediate} ~~actual~~ damage by ^{rendering untenable} rendering Canadian property unusable, but also created such a clear and immediate apprehension of damage to persons and property as to justify the incurring of substantial costs involved in the search, recovery, removal, testing and clean-up of the fragments of the satellite. This would be in accordance with the duty of any claimant to mitigate the damages as defined. In fact, the results of the operations have

shown

that radioactive satellite fragments, some of them of a lethal character, were found on Canadian property and rendered that property unusable. As the USSR will probably contend that the mere presence of the fragments did not cause "damage" within the meaning of the Convention,¹ it is by no means certain that Canada's claim for the above-mentioned costs would prevail.

7. A second ~~basis~~ ^{but the Convention basis} of Canada's claim ~~would be the~~ ^{is based on the} general principles of international law concerning state responsibility. Here, however, the argument that, irrespective of the 1972 Convention, strict liability applies to activities that are abnormally dangerous, ~~(lacks precision and content)~~ ^{not be difficult to establish}

8. A third basis is that the intrusion of COSMOS 954 constitutes a breach of Canadian sovereignty. ^{in these circumstances} Compensation for such a breach, however, would likely be nominal.

(2) Costs eligible for inclusion in the claim²

9. The question of claiming for the total costs of operations is not without importance since proceeding with the claim on this basis may be considered advantageous for negotiating purposes. Under both the Convention and general principles of international law, however, Canada is able to include in the claim only such costs of search, recovery, removal, testing and clean-up of COSMOS 954 debris as are consistent with the principle of restitutio in integrum, namely, costs which would not have been incurred except for the COSMOS 954

.../5

2. See Schedule hereto for a summary of costs incurred and Annex B for a more detailed discussion of the basis for claiming costs.

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satellite incident. These costs are in general known as incremental costs and may be included provided they are reasonable, proximately caused by the incident and capable of being calculated with a reasonable degree of certainty. [Although some elements of costs beyond incremental costs may be considered for inclusion in the claim, namely, costs related to quantifiable losses caused by the diversion of resources from normal tasks, all costs cannot be included as many of them would have been incurred in any event regardless of the COSMOS 954 incident]

new delete

perhaps for forward we should re-assess

(3) Whether USA costs can be included in the claim

3 delete title and replace

10. The offer of assistance by the U.S.A. was not made contingent upon reimbursement, nor conditioned upon incorporation of the U.S.A. costs in any Canadian claim against the USSR. Thus, there is no legal obligation on Canada to reimburse the U.S.A. for costs incurred by the latter and therefore no legal basis exists for Canada to advance a claim on behalf of the U.S.A. Moreover, to include U.S.A. costs would provide the USSR with an opportunity to state that the latter's offer of assistance had been refused and that, in any event, the U.S.A. no doubt derived benefits from their involvement in the operation. Nevertheless, policy considerations may dictate that, ultimately, any costs recovered from the USSR be shared with the U.S.A. on an ex-gratia basis.

ex gratia?
no basis for USA inclusion

incl'd what these are

.../6

3. See Annex C for a more detailed presentation.

III. Conclusions

11. In the light of the foregoing and on the basis of the legal studies set forth in Annexes A, B and C hereto, the following conclusions may be drawn with respect to the claim:

- (1) While there is a legal basis for a Canadian claim for compensation against the USSR, there are some doubts as to the merits of the Canadian position under both the 1972 Convention and general principles of international law;

There are limitations on the costs of search, recovery, removal, testing and clean-up that may be included in the claim and the ^{best} legal view is that only incremental costs may be included;

- (3) There is no legal basis for including U.S.A. costs in the claim, although there may be policy grounds for sharing with the U.S.A., on an ex-gratia basis, whatever amount of costs may ultimately be recovered from the USSR.

IV. Recommendations

12. It is recommended that Canada proceed with the preparation of an interim claim against the USSR ^{delete} [based primarily on the 1972 Convention]. It is further recommended that the claim:

- (a) should be advanced for incremental costs, and
(b) should not include U.S.A. costs.

.../7

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If you agree with the recommendations, your approval will be sought in due course for

- (a) the actual submission of the ~~interim~~ claim and any further claims to the USSR on the COSMOS 954 incident;
- (b) bilateral negotiations with the USSR; and
- (c) submission if necessary of any or all claims to a Claims Commission established under the 1972 Convention.

} delete

A.E.G.

SCHEDULE

COSTS BY DEPARTMENT

*would call 3 annexes
w/ our recommendations*

I. STATEMENT OF TOTAL AND INCREMENTAL COSTS (January 24 - April 20, 1978)

| <u>Department or Agency</u> | <u>Total Costs</u> | <u>Incremental Costs</u> |
|---|---------------------|--------------------------|
| DND | | |
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| f) Costs of DND administration | <u>1,040,211.00</u> | <u>370,426.00</u> |
| Total: | 11,442,324.00 | 4,075,050.00 |
| HEALTH AND WELFARE | 22,384.00 | 12,372.00 |
| R.C.M.P. | 14,523.76 | 10,697.07 |
| E.M.R. | 297,386.68 | 256,079.02 |
| A.E.C.B. | <u>380,246.97</u> | <u>380,246.97</u> |
| <u>TOTAL:</u> | 12,176,865.41 | 4,734,445.06 |

*Conferment to be
made here*

Annex A

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D R A F T

COSMOS 954 SATELLITE - CLAIM AGAINST THE USSR

Legal Basis of Canada's Claim: Nature of Damage

1. In this study there is an examination of the question whether such damage has been caused in Canada by COSMOS 954 as could give rise to a claim for compensation by Canada against the USSR. Here, it is seen that Canada's claim against the USSR for compensation in respect of the intrusion of the nuclear-powered COSMOS 954 satellite into Canada and its break-up in Canada in January 1978, rests primarily, but not exclusively, on the Convention on International Liability for Damage Caused by Space Objects, 1972 (the 1972 Liability Convention) and other instruments pertaining to outer space. Although the 1972 Liability Convention is directly relevant to the claim, it is not exhaustive of the applicable rules of international law. In this regard, it is observed that the mere entry of the satellite into Canada was a breach of Canadian sovereignty and, therefore, constituted an international wrong.

2. The obvious heads of damage that normally fall for consideration in a case like the present one are wrongful death or personal injury, or loss of or damage to property. However, due to the hazardous and deleterious nature of the nuclear material on board the satellite and the disintegration of the satellite over a wide area, substantial costs have been incurred in searching for, recovering, removing, testing and cleaning-up debris from the satellite. For that reason, in the discussion below, emphasis is placed on ascertaining the legal basis for claiming such costs, whether under the 1972 Liability Convention or otherwise.

3. Article II of the 1972 Liability Convention provides that the launching state "shall be absolutely liable to pay compensation for damage caused by its space object on the surface of the earth ...". Article I(a) of the 1972 Liability Convention defines "damage" as meaning "loss of life, personal injury or other impairment of health; or loss of or damage to property of States or of persons, natural or juridical, or property of international intergovernmental organizations". As the definition of damage does not contain qualifications, it can be interpreted to include nuclear damage. *as it shows from negotiating history of Convention* Therefore, a reading of Articles II and I(a) together indicates that the USSR, as the launching state, is absolutely liable to pay compensation to Canada for damage, including nuclear damage, caused by debris from the COSMOS 954 satellite.

4. The intrusion of a nuclear-powered satellite into Canada and its disintegration therein gave rise to a clear and immediate apprehension of the likelihood of damage, including nuclear damage, to persons and property. Hence, Canadian authorities were under a duty to take immediate steps for the search, recovery, removal, testing and clean-up of the fragments from the satellite. This duty was one that had to be carried out pursuant to domestic law for the protection of Canada. It was also necessary for Canada, under international law, to mitigate damages¹ which would be claimed against the owner of the satellite, namely, the USSR. As a result of the steps taken by Canada it has been found that discrete fragments of the satellite and pieces of the outer structure of

¹ United States v. Nicaragua, 1900 For. Rel. 824, at 826-833;
Portugo-German Arbitration (1928-30) U.N. Rep., Vol. II, 1011

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the nuclear reactor on board the satellite, comprising twisted metal, pipe fragments, rods and the like, caused physical damage by rendering Canadian property unusable. In addition, there existed a clear and immediate apprehension of the likelihood of more serious kinds of damage due to the presence of a nuclear reactor on board the COSMOS 954 satellite. In particular, it has been confirmed, on the basis of radio-active contamination from a highly radio-active piece of debris located on the McLeod Bay ice surface and from small, dust-like particles found on Canadian property, that the residue of the disintegrated nuclear reactor core, has entered the fragile ecology of northern Canada thereby causing radiation damage. There is also the risk of additional radiation damage in the future as the contamination spreads further into the human and natural environment. In this regard, it will be important to leave the door open to the possibility of making future claims in respect of damage to persons and property.

5. The above-mentioned operations were made more complicated because the USSR failed in its duty under international law by not giving, in timely fashion or with sufficient detail, information adequate to allay Canadian apprehensions of damage from the satellite which had been reported to contain, and did contain, material of a hazardous or deleterious nature. The costs of these operations were substantial whether considered in their totality or on an incremental basis.

6. Canada's claim against the USSR may also be founded on international instruments other than the 1972 Liability Convention and on the general principles of international law. Briefly, pursuant to Article VII of the Treaty on Principles Governing the Activities of States in the Exploration and Use of Outer Space, including the Moon and Other Celestial Bodies (1967), or the principles of international law, the USSR is liable for damage caused by COSMOS 954 or its component parts to Canada or Canada's natural or juridical persons. It can be argued that it is "a general principle of law recognized by civilized nations" (see Article 38 of the Statute of the International Court of Justice) that in the case of activities that are abnormally dangerous, for example, outer space activities involving the use of nuclear-powered satellites, the operator of such an activity is strictly liable for damage caused thereby.

In this regard it is noted that the USSR was, at all material times, pursuant to the second sentence of Article VIII of the 1967 Treaty, the owner of the COSMOS 954 satellite or the component parts thereof which returned to Earth in Canada and as such cannot avoid liability with respect to damage caused by COSMOS 954 or its component parts by purporting to renounce ownership thereof.

7. It remains to consider the question of the violation of Canada's sovereignty by the intrusion of ^{the} COSMOS 954 satellite. The intrusion of the satellite constitutes an international wrong per se and it is not necessary, in order for Canada to claim

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compensation, to prove that the intrusion caused damage to persons or property. The act of intrusion itself (analogous to an act of trespass in domestic law) gives rise to compensation. A nominal amount may be claimed under this head.

D R A F T

COSMOS 954 SATELLITE - CLAIM AGAINST THE USSRCosts eligible for inclusion in the Claim: Full versus incremental

1. This study focuses on the question of the extent to which Canada can include costs of search, recovery, removal, testing and clean-up in its claim against the USSR. This question must be determined in the light of the principle of restitutio in integrum which is reflected in Article XII of the 1972 Liability Convention and the statement of the Permanent Court of International Justice in the Chorzów Factory Case (1928)*. Article XII of the Convention thus provides that the compensation

"shall be determined in accordance with international law and the principles of justice and equity, in order to provide such reparation in respect of the damage as will restore ... the person .../or/ State ... to the condition which would have existed if the damage had not occurred."

Similarly, if the USSR is liable to pay compensation to Canada, the measure of such compensation is established by the Chorzów Factory case in which the Permanent Court of International Justice reflected the principle of restitutio in integrum in the following statement:

*P.C.I.J., Ser. A, No. 17 (1928).

"The essential principle contained in the actual notion of an illegal act - a principle which seems to be established by international practice and in particular by the decisions of international tribunals - is that reparation must, as far as possible, wipe out all the consequences of the illegal act and reestablish the situation which would, in all probability, have existed if that act had not been committed."

2. It has already been seen in Annex A that there is a legal argument for a Canadian claim for the costs of operations of search, recovery, removal, testing and clean-up. Here, it is recalled that Canada observed its duty in law, both domestic and international, to mitigate the damage which had been occasioned and which it apprehended could be caused by the nuclear-powered satellite, and incurred substantial costs in carrying out the related operations.

3. The USSR may argue that even if Article XII of the 1972 Liability Convention embodies the principle of restitutio in integrum the costs of search, recovery, removal, testing and clean-up are not properly recoverable under Article XII. In this regard, the Canadian reply would be that it is within the letter and spirit of Article XII, as well as within the recognized principles of international law, that a claimant state may recover all costs that have been incurred by it due to the intrusion of the satellite. Because of the hazardous and deleterious material on board the satellite and the apprehension that there could have been widespread radiation damage, it was necessary for Canada to undertake

the costly operations that were undertaken. Some highly radioactive material was found and the operations carried out obviated a need for placing a large area of Canada off limits or under restricted use, steps which could have given rise to unknown damages.

4. Here, it is noted that the question of claiming for total costs is not without its importance, since it may be considered advantageous in the negotiation of the claim to make first a claim for total costs. However, the better legal view is that, in the application of the principle of restitutio in integrum, costs for inclusion in the claim are limited to incremental costs, i.e., those which would not have been incurred except for the COSMOS 954 satellite incident. Hence, the claim cannot include costs which would have been incurred in any event. There may be instances, however, where it can be established by clear, demonstrable evidence that losses to Canada resulted from the diversion of persons from their normal duties to duties related to the COSMOS 954 satellite incident, even though the costs thereby incurred would in any event have been expended in relation to the normal duties. Such costs could be considered as incremental costs for the purposes of the claim.

5. At all events, in order to be eligible for inclusion in the claim, Canada's costs must be reasonable in all the circumstances, proximately caused by the act and capable of being calculated with a

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CONFIDENTIAL

reasonable degree of certainty. Costs that a reasonable person would consider were incurred unnecessarily cannot be considered as items in respect of which it would be proper to expect reimbursement from the USSR. In addition, there must be a clear, unbroken connection between the COSMOS 954 satellite incident and the damage in respect of which the costs have been incurred. (See Parker, J. in the Lusitania Cases (U.S. v. Germany), Mixed Claims Commission.¹ Moreover, damages are not recoverable for losses that are uncertain, speculative or contingent. (Rudloff Case (U.S. v. Venezuela), Venezuela Arbitrations of 1903).² However, Canada can reserve the right to claim in future for presently unidentified damage.

6. The search, recovery, removal, testing and clean-up operations undertaken by Canada in respect of the COSMOS 954 satellite incident, however, are related to its duties under Article VI of the 1972 Liability Convention and to its duties under international and domestic law to mitigate the damage resulting from the unusual risks of danger from radioactive debris of the COSMOS 954 satellite. The costs incurred in these operations are, therefore, recoverable pursuant to the concept of restitutio in integrum. They are not merely costs of investigation incurred for the purpose of pursuing the claim; if they were such, they would be ineligible for inclusion in the claim; Trail Smelter Case (U.S. v. Canada).³

1 U.N. Rep., Vol. VII, p. 32 (1923).

2 U.N. Rep., Vol. IX, p. 244 (1903).

3 U.N. Rep., Vol. III, p. 1905 (1941).

Annex C

Revision
19/7/78

D R A F T

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COSMOS 954 SATELLITE - CLAIM AGAINST THE USSR

~~Discretion~~
Inclusion of the United States Costs

1. Within hours after the reentry of the COSMOS 954 satellite into Canadian territory on January 24, 1978, the United States offered Canada assistance in the search and recovery of debris from the satellite. Thereafter, in March 1978, United States officials indicated that the offer had not been contingent upon reimbursement of expenses incurred by the United States nor conditioned upon incorporation of these expenses in any claim which might be made by Canada against the USSR. The United States also indicated that it was within the discretion of Canada whether or not to include costs related to American assistance in Canada's claim. The matter was discussed in exploratory talks between Canadian and United States officials in May 1978.
2. If Canada is to include U.S. costs in its claim, it can only do so with legal justification if it has a legal obligation to pay such costs. International law requires that for an issue to be justiciable, there must be an actual controversy involving a conflict of legal interest between the parties¹. But careful and sympathetic examination of the question has led to the

1 "The function of the Court is to state the law, but it may pronounce judgment only in connection with concrete cases where there exists at the time of the adjudication an actual controversy involving a conflict of legal interest between the parties". Northern Cameroons Case, 1963 I.C.J. Reports, p. 15.

- 2 -

conclusion that, as no legal obligation exists for Canada to reimburse the U.S., there is no conflict of legal interest between Canada and the USSR with respect to U.S. costs and thus no basis for including those costs in the claim.

3. In judging whether there was a contract of any kind between Canada and the USA creating an obligation to pay, it is essential to examine the actual intention of the parties at the time the services were rendered. The intention at the relevant times in this case was that the U.S. was a volunteer which rendered its services gratuitously. In these circumstances, no contract, express or implied, existed and, accordingly, no claim for services rendered or work done can be made. In addition, the contractual concept of bargain involving an exchange of consideration is absent, for a moral obligation to pay U.S. costs would not be sufficient consideration to support an actual promise by Canada to pay such costs.

4. The facts of the case do not give rise to the possibility of an implied contract or a quasi-contract. Moreover, although the concept of unjust enrichment, which presupposes that a benefit has been transferred from one party to another might, at first glance, seem to be applicable to the case, it is inapplicable as between the U.S. and Canada and, in any event, could not provide a legal basis for a claim against a third party, the USSR.

5. Further, one who voluntarily incurs expenses by performing work or services which are "necessary" to another cannot recover the costs in the absence of legal authority to incur them.

- 3 -

6. It cannot be successfully argued that Canada could claim against the USSR as the agent or mandatory of the U.S. since neither agency nor mandate existed and in any event an agent's or a mandatory's claim is no stronger than that of the principal or mandator. The USA suffered no "damage" and, accordingly, has no claim which Canada could present on its behalf.

7. In view of the foregoing, it is concluded that there is no legal basis on which Canada could include the U.S. costs in its claim against the USSR.

8. Political considerations vis-à-vis the USA and the USSR, however, have been summarized as follows: USA costs should be included in the Canadian claim to preserve the appearance of equality and equity in Canada's cooperative undertakings with the USA. Although the USA volunteered its resources freely in the operation and may have derived benefit from it in terms of knowledge of Soviet satellite technology, the fact remains that Canada accepted U.S. assistance and the U.S. incurred considerable costs. The public in the USA and Canada is not likely to react positively to a failure by Canada to do its utmost to recover those expenses. Moreover, if the U.S. costs were not included in the Canadian claim, the impression of Canada as a very junior partner in the defence/scientific relationship, unable to shoulder its fair share of the burden, would be reinforced in both Canada and the USA. These policy considerations, however, would give no additional legal support to the Canadian claim and could possibly weaken what legal support there is for it. Nevertheless, it may be appropriate, as a matter of policy, to consider sharing with the U.S., on an ex-gratia basis, whatever amount of costs is ultimately recovered from the USSR.

if the
affirmation
and amended
consequently



Government
of Canada

Gouvernement
du Canada

MEMORANDUM

NOTE DE SERVICE

TO
A

O. i/c Financial Management
Branch

FROM
DE

O. i/c Legal Branch

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|---|
| SECURITY - CLASSIFICATION - DE SÉCURITÉ |
| CONFIDENTIAL |
| OUR FILE - N/RÉFÉRENCE |
| YOUR FILE - V/RÉFÉRENCE |
| GS-785-47 |
| DATE 78-08-16 |

SUBJECT
OBJET

Soviet Cosmos Satellite Claim against U.S.S.R.

I am enclosing herewith your complete file dealing with the Cosmos 954 incident along with related correspondence and annexes. I would direct your attention to my correspondence of today's date directed to Mr. Lloyd Younger, Ministry of the Solicitor General. This correspondence was initiated because of Mr. Younger's inability to attend the meeting of interdepartmental legal advisers and is self-explanatory.

It is to be noted that External Affairs has asked that departments review the costs they have incurred as a result of this incident ensuring that only incremental costs are claimed, and that their affidavits are submitted at the earliest date in order that all materials might be submitted to the Interdepartmental Committee early in September.

Sgt. MacDonald did not raise the matter of the costs incurred by Cst. REINHARDT ("G" Div. Telex GAPI52) as it is our opinion that these are far too remote to be considered as incremental costs and thereby eligible for inclusion in the claim against the U.S.S.R.

In the event you require assistance in completing your affidavit feel free to call directly to Sgt. MacDonald.

KJM:ms

REVIEWER

APR 3 1980

57 622 RECORDS

Sgt. MacDonald
F. Boivin, Supt.
Officer in Charge,
Legal Branch



Government
of Canada

Gouvernement
du Canada

MEMORANDUM

NOTE DE SERVICE

TO
A

Officer i/c Financial Management Branch

FROM
DE

Officer i/c Legal Branch

SUBJECT
OBJET

Soviet Cosmos Satellite -
Claim against the U.S.S.R.

| |
|---|
| SECURITY - CLASSIFICATION - DE SÉCURITÉ |
| CONFIDENTIAL |
| OUR FILE - N/RÉFÉRENCE |
| YOUR FILE - V/RÉFÉRENCE |
| GS-785-47 |
| DATE |
| 78-08-24 |

Further to my memorandum of 78-08-16, I am attaching for your attention correspondence from Mr. W.H. Montgomery, Director, Legal Advisory Division, Department of External Affairs, dated 78-08-22, along with redrafted material for submission to the Interdepartmental Committee and draft copy of memorandum to be presented to the Chairman of that Committee to cover the material for Ministers in relation to this claim.

It is to be noted that Mr. Montgomery has asked for our comments on these attachments by September 1, 1978.

It would be appreciated if you would review this material at the earliest and advise if you have any comments to make; otherwise, I will ask Sgt. MacDonald to respond directly to Mr. Montgomery in that he attended the previous meeting. If you feel it is necessary, we would be pleased to meet and discuss this matter with you and your staff early next week.

[Signature]
F. Boivin, Supt.
Officer in Charge,
Legal Branch.

KJM:sm
Encl.

REVIEWER

APR 3 1980

DR. REC.

[Handwritten notes]
3/14/78
1/1/3

000219

Department of External Affairs



Canada

Ministère des Affaires extérieures

OTTAWA, K1A 0G2

FLA-693

August 22nd, 1978

CONFIDENTIAL
(with attachments)

Dear Inspector MacDonald,

RE: Cosmos 954 Satellite - Claim
against the USSR

--- I refer to the meeting of the interdepartmental group of legal advisors on the Cosmos 954 claim against the USSR, held on August 4, 1978. As agreed, attached you will find copies of the material for submission to the Interdepartmental Committee and, ultimately, to Ministers, as revised in accordance with points made and agreed to at the meeting. The sections on Recommendations and Course of Action have been extensively redrafted, taking into account our discussions at the last meeting, with a view to setting out for Ministers the course of action proposed. Also --- attached is a draft copy of the memorandum which I propose be submitted by the group to Mr. A.E. Gotlieb, Chairman of the Interdepartmental Committee, to cover the attached material for Ministers.

I should be grateful to receive your comments on these attachments by September 1, 1978.

Yours sincerely,

W.H. Montgomery

W.H. Montgomery
Director
Legal Advisory Division

Sgt Ken J. Macdonald
no direct mail
Mr. Shepp
Ext. A
legal adv
division
advisory
proper
non and address
R.H. Mac

Inspector R.H. MacDonald,
R.C.M.P.,
BIP Security Branch,
720 Belfast, room 225,
OTTAWA.

MEMORANDUM TO: MINISTERS

FROM: CHAIRMAN, INTERDEPARTMENTAL COMMITTEE ON COSMOS 954

SUBJECT: COSMOS 954 - CLAIM AGAINST THE USSR

Introduction

The purpose of this memorandum is to place before you the recommendations of the Interdepartmental Committee having responsibility for the preparation of the claim against the USSR in connection with the COSMOS 954 incident. The recommendations are based on the conclusions of legal advisers of the departments concerned, and are directed to obtaining your approval of the course of action to be followed in submitting the claim to the Soviet Union.

2. Fragments from the nuclear-powered COSMOS 954 satellite entered Canada on January 24, 1978. The search for the radioactive debris of COSMOS 954 began almost immediately. During the operations, substantial assistance was rendered by USA authorities. The work of search, recovery, removal, testing and clean-up has given rise to costs incurred by Atomic Energy Control Board, Department of National Defence, Energy, Mines and Resources, Health and Welfare and the Solicitor General. Cost incurred up to April 20, 1978, the date on which lead responsibility in the operations shifted from DND to AECB, and excluding USA costs, amount to approximately \$12,000,000 total of which some \$4,600,000 are incremental costs: i.e. costs that would not have been incurred had the COSMOS 954 incident not taken place. (USA costs are approximately

- 2 -

\$3,000,000 and \$2,000,000 respectively.) Costs have also been incurred since April 20, 1978, and will continue to be incurred until the search for radioactive elements of COSMOS 954 is terminated. As a result of these operations, many radioactive fragments were recovered including two fragments which, if not recovered, could have caused serious injury to any person coming into contact with them at any time during the next several years. There is also the question of compensation for damage to persons and property that may be identified. To date, however, no such damage has been identified although the claim will reserve the right to claim for such damage in future.

3. Canada informed the USSR on February 28, 1978, that a claim for damages, including search and recovery costs, would be submitted as a result of the presence on Canadian territory of hazardous component parts of the satellite COSMOS 954.

Issues

4. There are three principal issues which Ministers are requested to address on the basis of information and advice set forth below:

(A) legal basis of Canada's claim; (B) costs eligible for inclusion in the claim and (C) disposition of USA costs.

. . . /3

(A) Legal basis of Canada's claim¹

5. The Interdepartmental Group of Legal Advisers considers that sufficient proof exists to establish that the satellite debris collected during the operations comes from the Soviet satellite COSMOS 954. On review of the relevant legal aspects, legal advisers consider that a claim by Canada for compensation should be based primarily on the absolute liability provision of the 1972 Convention on International Liability for Damage Caused by Space Objects, to which both Canada and the USSR are parties, supported as necessary by general principles of international law. This Convention is directed specifically to liability for damage, as defined therein, and the provision of a full and equitable measure of compensation for such damage.

6. The advantages of the Convention are that the launching state is absolutely liable without proof of fault and that the Convention provides for: (a) determination of the amount of compensation, (b) negotiations with a view to settlement of the claim, and (c) if necessary, the establishment of a Claims Commission to consider the claim and render a final and recommendatory award. The major disadvantage of the Convention is that it may be argued that damage under the Convention, on a narrow interpretation,

. . . /4

1. See Annex A for more detailed presentation.

is restricted to physical damage:

" . . . loss of life, personal injury or other impairment of health; or loss of or damage to property of States or persons" (Article I(a)).

7. For Canada's claim to succeed under the Convention, the term "damage" in Article I(a) must receive a broad interpretation to encompass the situation where the presence of hazardous radioactive Cosmos 954 debris on Canadian territory not only caused immediate damage by nuclear contamination rendering Canadian property unusable, but also created such a clear and immediate apprehension of damage to persons and property as to justify the incurring of substantial costs involved in the search, recovery, removal, testing and clean-up of the fragments of the satellite. This would be in accordance with the duty of Canada to mitigate the damages as defined. In fact, the results of the operations have shown that radioactive satellite fragments, some of them of a lethal character, were found on Canadian property and rendered that property unusable. The USSR, on the other hand, will probably contend that the mere presence of the fragments did not cause "damage" within the meaning of the Convention. It is by no means certain, therefore, that Canada's claim will prevail.

8. A second basis of Canada's claim is to be found in the general principles of international law concerning state responsibility. Here, however, the argument that, irrespective of the 1972 Convention, strict liability should apply to activities that are abnormally dangerous may be difficult to establish in the absence of any precedent.

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9. A third basis is that the intrusion of COSMOS 954 constitutes a breach of Canadian sovereignty. In the circumstances of the claim, compensation for such a breach would likely be nominal.

(B) Costs eligible for inclusion in the claim²

10. The Interdepartmental Group of Legal Advisers has considered the question of proceeding on the basis of including total costs or only incremental costs. The Group has concluded that under both the Convention and general principles of international law, Canada is able to include in the claim only such costs of search, recovery, removal, testing and clean-up of COSMOS 954 debris as are consistent with the principle of restitutio in integrum, namely, costs which would not have been incurred except for the COSMOS 954 satellite incident. These costs are in general known as incremental costs and may be included provided they are reasonable, proximately caused by the incident and capable of being calculated with a reasonable degree of certainty.

(C) Disposition of USA costs³

11. The offer of assistance by the USA was not made contingent upon reimbursement, nor conditioned upon incorporation

. . . /6

2. See Schedule hereto for a summary of costs incurred and Annex B for a more detailed discussion of the basis for claiming costs.

3. See Annex C for a more detailed presentation.

of the USA costs in any Canadian claim against the USSR. Thus, there is no legal obligation on Canada to reimburse the USA for costs incurred by the latter and therefore no legal basis exists for Canada to advance a claim on behalf of the USA. Nevertheless, policy considerations (such as preserving the appearance of equity and equality in our relations with the USA) may dictate that, ultimately, a portion of any costs recovered from the USSR be distributed to the USA on an ex gratia basis. This would be for consideration when the outcome of the claim is known.

Conclusions

12. In the light of the foregoing and on the basis of the legal studies set forth in Annexes A, B and C hereto, the following conclusions may be drawn with respect to the claim:

- (A) There is a legal basis for a Canadian claim for compensation against the USSR, recognizing that there are some limits to the merits of the Canadian position under both the 1972 Convention and general principles of international law;
- (B) There are limitations on the costs of search, recovery, removal, testing and clean-up that may be included in the claim and the best legal view is that only incremental costs may be included;
- (C) There is no legal basis for including USA costs in the claim, although ultimately there

- 7 -

may be policy grounds for distributing
to the USA, on an ex gratia basis,
a portion of the proceeds of a successful claim.

Recommendations

13. It is recommended that Canada proceed with a claim
against the Soviet Union:

- (A) on the basis of the absolute liability provision of
the 1972 Convention on International Liability
for Damage Caused by Space Objects, supported as
necessary by general principles of international law;
- (B) on the basis of the recovery of incremental costs; and
- (C) excluding USA costs.

Course of Action

14. The course of action to be followed would include:

- (A) the submission of a formal claim to the Soviet Union,
covering insofar as costs are concerned Phase I of
the operations. Canada has one year from
January 24, 1978, the date of the incident, to
submit the claim under the terms of the 1972
Convention. The claim would be submitted, however,
as soon as preparations are completed and would be
followed by a supplementary claim covering the
incremental costs of Phase II of the operations.

. . . /8

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The claim would reserve the right to claim for hidden damage that is revealed at a later date.

(B) negotiation with the Soviet Union on the substance of the claim for a period of up to one year, with the objective of reaching a settlement between Canada and the Soviet Union on the claim. The terms of the settlement would be submitted to Ministers for approval.

(C) in the event of failure to achieve a bilateral settlement within one year, Canada would be in a position to request the establishment of a Claims Commission under the terms of the 1972 Convention. It is envisaged that Ministers would wish to review the Canadian position prior to the making of the request to establish a Claims Commission, and would wish to take decisions on matters such as the naming of the Canadian member, the selection of the neutral or third member, the nature of the Canadian submission to the Commission and the costs and other requirements for Canada on a lengthy international arbitration before a Claims Commission.

. . . /9

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15. Do you agree with:

- (A) the recommendations on the COSMOS 954 claim; and
- (B) the course of action proposed?

A.E.G.
Chairman,
Interdepartmental Committee
on Cosmos 954

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SCHEDULE

COSTS BY DEPARTMENT

1. STATEMENT OF TOTAL AND INCREMENTAL COSTS
(January 24 - April 20, 1978)

| <u>Department or Agency</u> | <u>Total Costs</u> | <u>Incremental Costs</u> |
|--|---------------------|--------------------------|
| DND | | |
| a) Personnel Costs (military and civilian) | 2,195,129.00 | 581,645.00 |
| b) Aircraft Costs | 7,375,917.00 | 2,216,253.00 |
| c) Fees paid to non DND agencies | 201,626.00 | 201,626.00 |
| d) Material Costs | 545,214.00 | 490,192.00 |
| e) Transportation of personnel and Rental of Facilities | 41,120.00 | 20,303.00 |
| f) Miscellaneous Costs | 33,770.00 | 33,770.00 |
| g) Cost of DND Administration | <u>1,039,278.00</u> | <u>354,379.00</u> |
| Total: | 11,432,054.00 | 3,898,168.00 |
| HEALTH AND WELFARE | 22,384.00 | 12,372.00 |
| R.C.M.P. | 14,523.76 | 10,697.07 |
| E.M.R. | 297,386.63 | 256,079.02 |
| A.E.C.B. | <u>380,246.97</u> | <u>380,246.97</u> |
| <u>TOTAL:</u> | 12,146,595.41 | 4,557,563.06 |

The above figures are subject to revision
by the departments and agencies concerned

Annex A

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D R A F T

COSMOS 954 SATELLITE - CLAIM AGAINST THE USSR

Legal Basis of Canada's Claim: Nature of Damage

1. In this study there is an examination of the question whether such damage has been caused in Canada by COSMOS 954 as could give rise to a claim for compensation by Canada against the USSR. Here, it is seen that Canada's claim against the USSR for compensation in respect of the intrusion of the nuclear-powered COSMOS 954 satellite into Canada and its break-up in Canada in January 1978, rests primarily, but not exclusively, on the Convention on International Liability for Damage Caused by Space Objects, 1972 (the 1972 Liability Convention) and other instruments pertaining to outer space. Although the 1972 Liability Convention is directly relevant to the claim, it is not exhaustive of the applicable rules of international law. In this regard, it is observed that the mere entry of the satellite into Canada was a breach of Canadian sovereignty and, therefore, constituted an international wrong.

2. The obvious heads of damage that normally fall for consideration in a case like the present one are wrongful death or personal injury, or loss of or damage to property. However, due to the hazardous and deleterious nature of the nuclear material on board the satellite and the disintegration of the satellite over a wide area, substantial costs have been incurred in searching for, recovering, removing, testing and cleaning-up debris from the satellite. For that reason, in the discussion below, emphasis is placed on ascertaining the legal basis for claiming such costs, whether under the 1972 Liability Convention or otherwise.

Article II of the 1972 Liability Convention provides that the launching state "shall be absolutely liable to pay compensation for damage caused by its space object on the surface of the earth ...". Article I(a) of the 1972 Liability Convention defines "damage" as meaning "loss of life, personal injury or other impairment of health; or loss of or damage to property of States or of persons, natural or juridical, or property of international intergovernmental organizations". As the definition of damage does not contain qualifications, it can be interpreted to include nuclear damage. This is confirmed by positions taken during negotiations that led to the preparation of the Convention. Therefore, a reading of Articles II and I(a) together indicates that the USSR, as the launching state, is absolutely liable to pay compensation to Canada for damage, including nuclear damage, caused by debris from the COSMOS 954 satellite.

4. The intrusion of a nuclear-powered satellite into Canada and its disintegration therein gave rise to a clear and immediate apprehension of the likelihood of damage, including nuclear damage, to persons and property. Hence, Canadian authorities were under a duty to take immediate steps for the search, recovery, removal, testing and clean-up of the fragments from the satellite. This duty was one that had to be carried out pursuant to domestic law for the protection of Canada. It was also necessary for Canada, under international law, to mitigate damages¹ which would be claimed against the owner of the satellite, namely, the USSR. As a result of the steps taken by Canada it has been found that discrete fragments of the satellite and pieces of the outer structure of

¹ United States v. Nicaragua, 1900 For. Rel. 824, at 826-833; Portugo-German Arbitration (1928-30) U.N. Rep., Vol. II, 1011

CONFIDENTIAL

the nuclear reactor on board the satellite, comprising twisted metal, pipe fragments, rods and the like, caused physical damage by rendering Canadian property unusable. In addition, there existed a clear and immediate apprehension of the likelihood of more serious kinds of damage due to the presence of a nuclear reactor on board the COSMOS 954 satellite. In particular, it has been confirmed, on the basis of radio-active contamination from a highly radio-active piece of debris located on the McLeod Bay ice surface and from small, dust-like particles found on Canadian property, that the residue of the disintegrated nuclear reactor core, has entered the fragile ecology of northern Canada thereby causing radiation damage. In short, the steps taken by Canada disclosed the presence of radioactive satellite debris, some of which was of a lethal character, on Canadian property, which rendered that property unusable. There is also the risk of additional radiation damage in the future as the contamination spreads further into the human and natural environment. In this regard, it will be important to leave the door open to the possibility of making future claims in respect of damage to persons and property.

5. The above-mentioned operations were made more complicated because the USSR failed in its duty under international law by not giving, in timely fashion or with sufficient detail, information adequate to allay Canadian apprehensions of damage from the satellite which had been reported to contain, and did contain, material of a hazardous or deleterious nature. The costs of these operations were substantial whether considered in their totality or on an incremental basis.

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4.
6. Canada's claim against the USSR may also be founded on international instruments other than the 1972 Liability Convention and on the general principles of international law. Briefly, pursuant to Article VII of the Treaty on Principles Governing the Activities of States in the Exploration and Use of Outer Space, including the Moon and Other Celestial Bodies (1967), or the principles of international law, the USSR is liable for damage caused by COSMOS 954 or its component parts to Canada or Canada's natural or juridical persons. It can be argued that it is "a general principle of law recognized by civilized nations" (see Article 38 of the Statute of the International Court of Justice) that in the case of activities that are abnormally dangerous, for example, outer space activities involving the use of nuclear-powered satellites, the operator of such an activity is strictly liable for damage caused thereby.

In this regard it is noted that the USSR was, at all material times, pursuant to the second sentence of Article VIII of the 1967 Treaty, the owner of the COSMOS 954 satellite or the component parts thereof which returned to Earth in Canada and as such cannot avoid liability with respect to damage caused by COSMOS 954 or its component parts by purporting to renounce ownership thereof.

7. It remains to consider the question of the violation of Canada's sovereignty by the intrusion of ^{the} COSMOS 954 satellite. The intrusion of the satellite constitutes an international wrong per se and it is not necessary, in order for Canada to claim

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compensation, to prove that the intrusion caused damage to persons or property. The act of intrusion itself (analogous to an act of trespass in domestic law) gives rise to compensation. A nominal amount may be claimed under this head.

Revision
25/7/78

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Annex B

D R A F T

COSMOS 954 SATELLITE - CLAIM AGAINST THE USSR

Costs eligible for inclusion in the Claim: Full versus incremental

1. This study focuses on the question of the extent to which Canada can include costs of search, recovery, removal, testing and clean-up in its claim against the USSR. This question must be determined in the light of the principle of restitutio in integrum which is reflected in Article XII of the 1972 Liability Convention and the statement of the Permanent Court of International Justice in the Chorzów Factory Case (1928)*. Article XII of the Convention thus provides that the compensation

"shall be determined in accordance with international law and the principles of justice and equity, in order to provide such reparation in respect of the damage as will restore ... the person ... or State ... to the condition which would have existed if the damage had not occurred."

Similarly, if the USSR is liable to pay compensation to Canada, the measure of such compensation is established by the Chorzów Factory case in which the Permanent Court of International Justice reflected the principle of restitutio in integrum in the following statement:

*P.C.I.J., Ser. A, No. 17 (1928).

"The essential principle contained in the actual notion of an illegal act - a principle which seems to be established by international practice and in particular by the decisions of international tribunals - is that reparation must, as far as possible, wipe out all the consequences of the illegal act and reestablish the situation which would, in all probability, have existed if that act had not been committed."

2. It has already been seen in Annex A that there is a legal argument for a Canadian claim for the costs of operations of search, recovery, removal, testing and clean-up. Here, it is recalled that Canada observed its duty in law, both domestic and international, to mitigate the damage which had been occasioned and which it apprehended could be caused by the nuclear-powered satellite, and incurred substantial costs in carrying out the related operations.

3. The USSR may argue that even if Article XII of the 1972 Liability Convention embodies the principle of restitutio in integrum the costs of search, recovery, removal, testing and clean-up are not properly recoverable under Article XII. In this regard, the Canadian reply would be that it is within the letter and spirit of Article XII, as well as within the recognized principles of international law, that a claimant state may recover all costs that have been incurred by it due to the intrusion of the satellite. Because of the hazardous and deleterious material on board the satellite and the apprehension that there could have been widespread radiation damage, it was necessary for Canada to undertake

the costly operations that were undertaken. Some highly radioactive material was found and the operations carried out obviated a need for placing a large area of Canada off limits or under restricted use, steps which could have given rise to unknown damages.

4. The best legal view is that, in the application of the principle of restitutio in integrum, costs for inclusion in the claim are limited to incremental costs, i.e., those which would not have been incurred except for the COSMOS 954 satellite incident. Hence, the claim cannot include costs which would have been incurred in any event regardless of the COSMOS 954 incident. Incremental costs, however, may be considered to include tangible, quantifiable losses caused by the diversion of resources from normal tasks to duties related to the COSMOS 954 satellite incident, even though the costs thereby incurred would in any event have been expended in relation to the normal duties.

5. At all events, in order to be eligible for inclusion in the claim, Canada's costs must be reasonable in all the circumstances, proximately caused by the act and capable of being calculated with a

reasonable degree of certainty. Costs that a reasonable person would consider were incurred unnecessarily cannot be considered as items in respect of which it would be proper to expect reimbursement from the USSR. In addition, there must be a clear, unbroken connection between the COSMOS 954 satellite incident and the damage in respect of which the costs have been incurred. (See Parker, J. in the Lusitania Cases (U.S. v. Germany), Mixed Claims Commission.¹ Moreover, damages are not recoverable for losses that are uncertain, speculative or contingent. (Rudloff Case (U.S. v. Venezuela), Venezuela Arbitrations of 1903).² However, Canada can reserve the right to claim in future for presently unidentified damage.

6. The search, recovery, removal, testing and clean-up operations undertaken by Canada in respect of the COSMOS 954 satellite incident, however, are related to its duties under Article VI of the 1972 Liability Convention and to its duties under international and domestic law to mitigate the damage resulting from the unusual risks of danger from radioactive debris of the COSMOS 954 satellite. The costs incurred in these operations are, therefore, recoverable pursuant to the concept of restitutio in integrum. They are not merely costs of investigation incurred for the purpose of pursuing the claim; if they were such, they would be ineligible for inclusion in the claim; Trail Smelter Case (U.S. v. Canada).³

1 U.N. Rep., Vol. VII, p. 32 (1923).

2 U.N. Rep., Vol. IX, p. 244 (1903).

3 U.N. Rep., Vol. III, p. 1905 (1941).

D R A F T

CONFIDENTIAL

COSMOS 954 SATELLITE - CLAIM AGAINST THE USSR

Disposition of United States Costs

1. Within hours after the reentry of the COSMOS 954 satellite into Canadian territory on January 24, 1978, the United States offered Canada assistance in the search and recovery of debris from the satellite. Thereafter, in March 1978, United States officials indicated that the offer had not been contingent upon reimbursement of expenses incurred by the United States nor conditioned upon incorporation of these expenses in any claim which might be made by Canada against the USSR. The United States also indicated that it was within the discretion of Canada whether or not to include costs related to American assistance in Canada's claim. The matter was discussed in exploratory talks between Canadian and United States officials in May 1978.
2. If Canada is to include USA costs in its claim, it can only do so with legal justification if it has a legal obligation to pay such costs. International law requires that for an issue to be justiciable, there must be an actual controversy involving a conflict of legal interest between the parties¹. But careful and sympathetic examination of the question has led to the

1 "The function of the Court is to state the law, but it may pronounce judgment only in connection with concrete cases where there exists at the time of the adjudication an actual controversy involving a conflict of legal interest between the parties". Northern Cameroons Case, 1963 I.C.J. Reports, p. 15.

conclusion that, as no legal obligation exists for Canada to reimburse the USA, there is no conflict of legal interest between Canada and the USSR with respect to USA costs and thus no basis for including those costs in the claim.

3. In judging whether there was a contract of any kind between Canada and the USA creating an obligation to pay, it is essential to examine the actual intention of the parties at the time the services were rendered. The intention at the relevant times in this case was that the USA was a volunteer which rendered its services gratuitously. In these circumstances, no contract, express or implied, existed and, accordingly, no claim for services rendered or work done can be made. In addition, the contractual concept of bargain involving an exchange of consideration is absent, for a moral obligation to pay USA costs would not be sufficient consideration to support an actual promise by Canada to pay such costs.

4. The facts of the case do not give rise to the possibility of an implied contract or a quasi-contract. Moreover, although the concept of unjust enrichment, which presupposes that a benefit has been transferred from one party to another might, at first glance, seem to be applicable to the case, it is inapplicable as between the USA and Canada and, in any event, could not provide a legal basis for a claim against a third party, the USSR.

5. Further, one who voluntarily incurs expenses by performing work or services which are "necessary" to another cannot recover the costs in the absence of legal authority to incur them.

- 3 -

6. It cannot be successfully argued that Canada could claim against the USSR as the agent or mandatory of the USA since neither agency nor mandate existed and in any event an agent's or a mandatory's claim is no stronger than that of the principal or mandator. The USA suffered no "damage" and, accordingly, has no claim which Canada could present on its behalf.

7. In view of the foregoing, it is concluded that there is no legal basis on which Canada could include the USA costs in its claim against the USSR. It may be appropriate, however, to consider, as a matter of policy, the distribution to the USA , on an ex gratia basis, of a portion of any proceeds ultimately received in the settlement or other disposition of the claim.

P R O J E T

PLA/A.Faran3/5-3P64/qu

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CONFIDENTIEL

Le 21 août 1978

A: AEG

De: Groupe interministériel de
conseillers juridiques -
COSMOS 954

Sujet: Réclamation envers l'URSS - Cosmos 954

Le but de ce mémoire est de vous présenter, en tant que président du Comité interministériel constitué pour préparer la réclamation envers l'URSS, le résultat des études qu'a mené le groupe interministériel de conseillers juridiques sur les fondements de la réclamation. Ces études ont fait l'objet d'une large consultation et d'un travail important de rédaction au sein du groupe de conseillers juridiques. Ce dernier s'est réuni à maintes reprises au cours des derniers mois et les conclusions sur lesquelles un consensus a été établi vous sont maintenant présentées sous la forme d'un projet de mémoire destiné aux ministres concernés.

2. Le projet de mémoire que vous trouverez ci-joint sert de présentation à l'étude juridique plus exhaustive placée en annexe et porte sur ce que le groupe considère être les trois questions les plus importantes à résoudre, à savoir

- a) les bases juridiques de la réclamation envers l'URSS,
- b) les coûts pouvant être incorporés à la réclamation et
- c) le sort réservé aux dépenses encourues par les Etats-Unis.

Enfin, le projet de mémoire destiné aux ministres met de l'avant

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- 2 -

CONFIDENTIEL

quelques suggestions sur la marche à suivre dans le futur immédiat concernant la réclamation envers l'URSS.

3. L'approbation par le Comité placé sous votre présidence des textes ci-joints et des recommandations qu'ils contiennent sera requise et, pour ce faire, nous suggérons qu'une réunion du Comité soit convoquée le plus tôt possible. Une fois l'approbation du Comité obtenue, le mémoire et ses annexes pourraient être envoyés aux ministres concernés, accompagnés d'une lettre de présentation signée par vous-même à titre de président du Comité.

4. Le groupe interministériel de conseillers juridiques considère que l'ampleur de la publicité devant entourer la remise de la réclamation à la URSS devrait être un des sujets discutés au sein du Comité. Le groupe suggère pour sa part que la déclaration qui sera faite à l'occasion de la remise de la réclamation à l'URSS, ce qui pourra faire l'objet d'un communiqué officiel du SEAE, élabore sur certaines considérations générales sans entrer dans les détails techniques. Il est probable que nous ayons à mentionner par exemple les bases sur lesquelles se fonde notre réclamation et le montant qui en fera l'objet. La déclaration sera en quelque sorte une prise de position officielle qui pourrait être valable pour les mois à venir.

5. Nous suggérons que les services juridiques du ministère des Affaires extérieures et du ministère de la Justice soient chargés par le Comité de la préparation et de la rédaction du

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CONFIDENTIEL

document contenant la réclamation devant être présentée à l'URSS. Il faut aussi prévoir la préparation des documents pertinents devant être annexés à l'appui de cette réclamation. A ce sujet, le ministère de la Justice s'est chargé de réunir les affidavits et les preuves d'autre nature qui seront nécessaires.

6. Pour votre information, vous trouverez ci-joint une liste des membres du Comité interministériel constitué des représentants des différents ministères concernés par la préparation de la réclamation contre l'URSS et dont vous assumez la présidence.

7. Etes-vous d'accord sur

- a) La convocation du Comité interministériel pour faire accepter les recommandations destinées aux ministres et l'envoi subséquent du mémoire et de ses annexes aux ministres concernés, ces textes étant présentés par une lettre signée par vous-même à titre de président du Comité.
- b) La discussion lors de la réunion du Comité de l'ampleur à donner à la publicité devant entourer la remise de la réclamation à l'URSS.
- c) La soumission d'une proposition au Comité à l'effet de charger les services juridiques du ministère des Affaires extérieures et celui de la Justice de la préparation formelle de la réclamation.

W. H. Montgomery
Président du Groupe interministériel
de conseillers juridiques -
Cosmos 954

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GS-785-47

BY HAND - CONFIDENTIAL

August 25, 1978.

Mr. Lloyd Younger,
Legal Services,
Ministry of the Solicitor General,
340 Laurier Avenue, West,
Ottawa, Ontario.
K1A 0P8

REVIEWER.....

APR 3 1980

"S" DR RECORDS

Dear Lloyd:

Re: Soviet Cosmos Satellite
Claim against U.S.S.R.

Further to my letter to you of August 16, 1978, I am enclosing for your information a copy of a memorandum received from Mr. W.H. Montgomery dated August 22, 1978 in the above regard, along with redrafted material for submission to the Interdepartmental Committee, External Affairs, and draft copy of memorandum to be presented to the Chairman of that Committee, Mr. A.E. Gotlieb, to cover the material for Ministers.

It is not known at this time whether the inter-departmental group of legal advisers will reconvene for further discussions. I will keep you informed of future developments.

Yours truly,

F. Boivin, Supt.
Officer in Charge,
Legal Branch.

Encl.

KJM:sm

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Government of Canada
Gouvernement du Canada

MEMORANDUM

NOTE DE SERVICE

TO
A OIC, Legal Branch

FROM
DE OIC, Financial Management Branch

SUBJECT
OBJET

SOVIET COSMOS SATELLITE
CLAIMS AGAINST THE USSR

| |
|---|
| SECURITY - CLASSIFICATION - DE SÉCURITÉ |
| CONFIDENTIAL |
| OUR FILE - N/RÉFÉRENCE |
| G.S. 785-47 |
| YOUR FILE - V/RÉFÉRENCE |
| DATE |
| 1978-08-29 |

In reply to your correspondence of 1978-08-24, the material has been reviewed and the only comments I have are in relation to the Schedule of Costs by Departments. We now have all the supporting documents from "G" Division and the total cost is \$14,532.85 rather than \$14,523.76 and the incremental costs are \$10,632.91 rather than \$10,697.07.

B.T. Lynch
B.T. Lynch, Officer i/c
Financial Management Branch

*AK
25/7*

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GS-785-47

BY HAND - CONFIDENTIAL

August 30, 1978.

Mr. W.H. Montgomery,
Director,
Legal Advisory Division,
Department of External Affairs,
Ottawa, Ontario,
K1A 0G2.

Dear Mr. Montgomery:

Re: Soviet Cosmos Satellite
Claim Against U.S.S.R.

I am in receipt of your memorandum dated August 22, 1978, with attached material for submission to the Interdepartmental Committee and draft copy of memorandum which you propose be submitted to Mr. A.E. Gotlieb, Chairman of the Interdepartmental Committee.

I have reviewed these attachments as has the Officer in Charge of our Financial Management Branch and his staff. The material is, in our view entirely satisfactory and complete and in accordance with the various recommendations made and agreed to at the meeting of legal advisers, held August 4th, last. Accordingly, I can offer no comments which may be of assistance.

I would inform you that our Financial Management Branch have completed the itemization of expenses incurred by the R.C.M.P. with respect to Operation Morning Light. The costs incurred by the Force vary slightly from those previously reported and have been adjusted as follows:

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| | | |
|-------------------|---|-------------|
| Total costs | - | \$14,532.85 |
| Previously | - | 14,523.76 |
| Incremental Costs | - | 10,632.91 |
| Previously | - | 10,697.07 |

We have prepared our affidavit setting out the Force's involvement in the search and recovery operation. This affidavit has been sent directly to Mr. Kelen, Civil Litigation Section, Department of Justice this same date.

Yours truly,

F. Boivin, Supt.,
Officer in Charge,
Legal Branch

KJM:ms

Government
of Canada

Gouvernement
du Canada

MEMORANDUM

NOTE DE SERVICE

TO A O. i/c Financial Management Branch

FROM DE O. i/c Legal Branch

SUBJECT OBJET Soviet Cosmos Satellite
Claim Against the U.S.S.R.

REVIEWER

APR 3 1980

"S" DIR RECORDS

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|---|
| SECURITY - CLASSIFICATION - DE SÉCURITÉ |
| CONFIDENTIAL - BY HAND |
| OUR FILE - N/RÉFÉRENCE |
| GS-785-47 |
| YOUR FILE - V/RÉFÉRENCE |
| DATE |
| 78-08-31 |

I am enclosing for your perusal and approval revised Affidavit setting out the Force's involvement in the search and recovery operations and the expenses incurred by the Force in this matter.

I have prepared a memorandum to Mr. Kelen in response to his letter of July 7, 1978, under my signature. This is also enclosed. When you have signed the Affidavit before a Commissioner for Oaths, it should be conveyed directly to Mr. Kelen "By Hand" at the earliest. For your convenience addressed envelopes are attached as well.

Further to discussions between Sgt. B. Cooper of your staff and Sgt. MacDonald of Legal Branch yesterday, it is noted that Mr. Kelen in his memorandum of July 7, 1978, urged you to keep all relevant records substantiating the expenses the R.C.M.P. has incurred. Because of this and in light of the words used in Clause 6 of the Affidavit, it is recommended that you secure originals of these records in the event we are required to produce them at some future time.

It is hoped that we have been of assistance. I am returning your complete file, enclosed herein.

E. Boivin
E. Boivin, Supt.,
Officer in Charge,
Legal Branch.

KJM:ms

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PLEASE ADDRESS
CORRESPONDENCE TO:

THE COMMISSIONER
ROYAL CANADIAN MOUNTED POLICE
OTTAWA, CANADA
K1A 0R2



HEADQUARTERS
DIRECTION GÉNÉRALE

PRIÈRE D'ADRESSER LES
LETTRES COMME SUIT:

LE COMMISSAIRE
GENDARMERIE ROYALE DU CANADA
OTTAWA, CANADA
K1A 0R2

YOUR NO.
VOTRE N°

OUR NO.
NOTRE N° GS-785-47 ✓

August 30, 1978.

CONFIDENTIAL - BY HAND

Mr. Michael A. Kelen,
Civil Litigation Section,
Department of Justice,
Wellington Street,
Ottawa, Ont.,
K1A 0H8.

Re: Soviet Cosmos Satellite
Claim Against U.S.S.R.

Dear Mr. Kelen,

Further to your correspondence dated July 7, 1978, I am enclosing herein our Affidavit setting out the Force's involvement in the search and recovery operations and the expenses incurred by the R.C.M.P. in this respect.

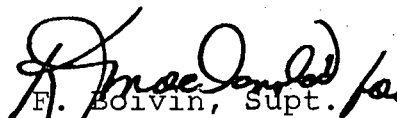
The costs incurred by the Force vary slightly from those previously reported and have been adjusted as follows:

| | |
|-------------|-------------|
| Total costs | \$14,532.85 |
| Previously | 14,523.76 |

| | |
|---------------------|-----------|
| Incremental Costs - | 10,632.91 |
| Previously | 10,697.07 |

In the event you require clarification of the contents or form of this Affidavit please feel free to call directly to Sgt. Ken MacDonald of Legal Branch at Telephone No. 993-1980.

Yours truly,


F. Boivin, Supt.
Officer in Charge,
Legal Branch.

KJM:ms
Attach.

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000251

IN THE MATTER OF A CLAIM FOR COMPENSATION PRESENTED
BY CANADA TO THE SOVIET UNION FOR DAMAGES INCURRED
AS A RESULT OF THE INTRUSION ON CANADIAN TERRITORY
ON JANUARY 24, 1978 OF THE COSMOS 954 SATELLITE
LAUNCHED BY THE SOVIET UNION

AFFIDAVIT OF BRIAN THOMAS LYNCH

I, BRIAN THOMAS LYNCH, of the City of Ottawa, of the Province of Ontario, public servant, MAKE OATH AND SAY AS FOLLOWS:

1. I am employed in the position of Chief Accounting Officer of the Royal Canadian Mounted Police (hereinafter referred to as the "R.C.M.P.") and as such I have knowledge of the matters hereinafter deposed.
2. In that position my regular duties include: being aware of expenditures incurred by the R.C.M.P.; being shown the invoices and other business records which document the amounts owed for services and materials rendered to the R.C.M.P.; being responsible for the necessary steps to determine if these invoices and business records accurately reflect the amounts owed for services and materials rendered to the R.C.M.P.; being certain that payments are made to the persons and the companies who have submitted the invoices and other business records for these services and materials rendered to the R.C.M.P.; and, being responsible for the administration of the salary expenditures to the employees of the R.C.M.P.
3. Between January 24, 1978 and April 20, 1978 the R.C.M.P. was actively involved in the search and recovery operation for the debris from the Cosmos 954 Satellite.
4. I am informed by Insp. C.R. Latremouille, who is the Officer in Charge Administration and Personnel of the R.C.M.P.

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- 2 -

"G" Division at Yellowknife, Northwest Territories, and I
verily believe that:

- (a) On January 29, 1978 satellite debris was located at McLeod Bay on Great Slave Lake (Fort Reliance area), Northwest Territories.
- (b) On January 29, 1978 members of the R.C.M.P. provided escort for four possibly contaminated persons at Warden's Grove when they were brought to Yellowknife for examination. This consisted of an escort from the airport to the hospital and a check of the hospital for security purposes prior to DND personnel taking over the guarding of these individuals.
- (c) On January 30, 1978 two members of the R.C.M.P. were sent to McLeod Bay to assist DND personnel in guarding the scene; these members were withdrawn from the site of February 5, 1978; the members at the site were rotated during this period.
- (d) On January 30, 1978 a member of the R.C.M.P. was sent to guard the satellite debris located in the Warden's Grove, Northwest Territories area; this member was withdrawn from the site on February 6, 1978. The member at the site was rotated during this period.
- (e) On January 31, 1978 a second member of the R.C.M.P. was sent to the Warden's Grove area to assist. This member was withdrawn from the site on February 6, 1978. The member at the site was rotated during this period.
- (f) On January 30, 1978 a member from Snowdrift Detachment

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- 3 -

of the R.C.M.P. patrolled to Fort Reliance, Northwest Territories, and cabins in the surrounding area via police aircraft to inform people of the location of satellite debris and radioactive material and warn them to stay clear of the affected area.

- (g) Members of the R.C.M.P. at Yellowknife guarded exhibits of radioactive material brought into Yellowknife for shipment to southern points from approximately 1800 hours January 31, 1978 to approximately 1030 hours February 2, 1978.
- (h) On February 10, 1978 radioactive material was located in an area approximately four miles west of Snowdrift, Northwest Territories on Great Slave Lake. A member of Snowdrift Detachment of the R.C.M.P. attended the scene immediately and was replaced later the same date by a member of Yellowknife Detachment of the R.C.M.P. who remained at the site until February 13, 1978.
- (i) In addition to the foregoing specific incidents involving our members, daily liaison was maintained with local military personnel as well as members of Atomic Energy Control Board. This included meetings during staging segments of the operation. Administrative and operational personnel were also required from time to time to arrange for guards at debris sites, arrange for aircraft, check out reports concerning the sighting of the satellite and provide transportation for members involved in the operation.

5. The total amount spent by the R.C.M.P. to April 20, 1978 inclusive in the search and recovery operation was fourteen

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- 4 -

thousand five hundred and thirty-two dollars and eighty-five cents (\$14,532.85). These expenditures were incurred for the following goods and services:

(a) Travel:

Costs of travelling from Yellowknife, Northwest Territories to the McLeod Bay and Warden's Grove areas and return as required, are summarized in Annex 1.

(b) Materials and Supplies:

Annex 11 lists supplies purchased to operate single side band radios and portable radios.

(c) Salaries:

Annex 111 lists the salaries for those members of the R.C.M.P. involved in Operation Morning Light from January 24, 1978 to April 20, 1978. This tabulation also shows the cost of recorded overtime hours, converted overtime hours, and the dollar equivalent of this.

6. The accounts, vouchers, receipts and other records relating to these expenses are in my control at the City of Ottawa.

SWORN BEFORE ME IN THE)
CITY OF OTTAWA, IN THE)
REGIONAL MUNICIPALITY)
OF OTTAWA-CARLETON)
THIS 31 DAY OF)

August A.D. 1978.)

R. C. Jackson

Ronald C. Jackson, a Commissioner For Taking Affidavits, Judicial District of Ottawa-Carleton, for The Royal Canadian Mounted Police.

Expires June 1980

Brian Thomas Lynch
Brian Thomas Lynch

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ANNEX 1

TRAVEL (Yellowknife to McLeod Bay and Warden's
Grove areas, and return as required)

The total travel cost incurred by the R.C.M.P. in connection with Operation Morning Light for the period January 24 to April 20, 1978 is \$8,830.58.

No travel costs were incurred by the R.C.M.P. for the period April 21, 1978 to the present.

Pre - April 20

Police Aircraft

Single Otter - 12.2 hours x
110 m.p.h. (average) = 1,342
miles x \$3.82 per mile = \$5,126.44

D.A.S.
Twin Otter - 10.1 hours x
160 m.p.h. (average) = 1,616
miles x \$1.99 per mile = \$3,215.84 \$8,342.28

D.A.S. (GAS _{voil})
Police Car
500 miles @ 20¢ per mile \$ 100.00

Oversnow Vehicle
6 hours @ \$2.50 \$ 15.00

Meals & Incidentals \$ 373.30

Sub-Total - \$8,830.58

ANNEX 11

MATERIALS AND SUPPLIES

| <u>NAME OF SUPPLIER</u> | <u>PRODUCT OR SERVICE SUPPLIED</u> | <u>DATE PAID</u> | <u>AMOUNT</u> |
|-------------------------|------------------------------------|------------------|---------------|
|-------------------------|------------------------------------|------------------|---------------|

| | | | |
|---|---|------------|---------|
| Cardinal Industrial Electronics Ltd. | Nine CH 4 batteries for single side band radios | June 27/77 | \$78.72 |
| MacLeods Merchandisers Ltd. | Five batteries for portable radios | Feb. 2/78 | \$15.95 |

| | |
|-----------|---------|
| Sub-Total | \$94.67 |
|-----------|---------|

ANNEX 111

SALARY EXPENDITURES JANUARY 24, 1978 TO APRIL 20, 1978

| NAME | <u>REGULAR TIME</u> | | | <u>OVERTIME</u> | | | |
|-------------------|---------------------|-------------|--------------|-----------------|-------------------------------|-------------|--------------|
| | <u>HOURS</u> | <u>RATE</u> | <u>TOTAL</u> | <u>HOURS</u> | <u>CONVERTED OVERTIME</u> | <u>RATE</u> | <u>TOTAL</u> |
| HORSMAN, G.R. | 4 | 9.52 | 38.08 | | | | |
| WISHNOWSKI, L.V. | | | | 3.5 | 5 | 9.10 | 45.50 |
| OTTMAN, W.B. | | | | 4.5 | 7 | 8.34 | 58.38 |
| OTTMAN, W.B. | 40 | 8.34 | 333.60 | | | | |
| REINHARDT, R.P. | 40 | 9.10 | 364.00 | | | | |
| WALKER, S.K. | 4 | 9.10 | 36.40 | | | | |
| ARMSTRONG, J.A. | 1 | 11.58 | 11.58 | | | | |
| ARMSTRONG, J.A. | 1 | 11.58 | 11.58 | | | | |
| ARMSTRONG, J.A. | 8 | 11.58 | 92.64 | | | | |
| ARMSTRONG, J.A. | 8 | 11.58 | 92.64 | | | | |
| ARMSTRONG, J.A. | 5 | 11.58 | 57.90 | | | | |
| ARMSTRONG, J.A. | 5 | 11.58 | 57.90 | | | | |
| ARMSTRONG, J.A. | 1 | 11.58 | 11.58 | | | | |
| ARMSTRONG, J.A. | 1 | 11.58 | 11.58 | | | | |
| ARMSTRONG, J.A. | 2 | 11.58 | 23.16 | | | | |
| PHELAN, A. | | | | 4 | 6 | 6.39 | 38.34 |
| HOBBS, R.W. | 1.5 | 9.10 | 13.65 | | | | |
| HARTWIG, B.H. | 1.5 | 9.10 | 13.65 | | | | |
| DRISDELLE, J.J.R. | .5 | 9.10 | 4.55 | 2 | 3 | 9.10 | 27.30 |
| WESTWOOD, A.K. | 2.5 | 9.88 | 24.70 | | | | |
| NORTH, E. | 3 | 9.10 | 27.30 | | | | |
| HARRISON, R.S. | 4 | 9.10 | 36.40 | | | | |
| LUCHTMEIJER, W. | 3 | 9.10 | 27.30 | | | | |
| LUCHTMEIJER, W. | 1 | 9.10 | 9.10 | 5 | 7.5 | 9.10 | 68.25 |
| LUCHTMEIJER, W. | 8 | 9.10 | 72.80 | 5 | 7.5 | 9.10 | 68.25 |
| LUCHTMEIJER, W. | 8 | 9.10 | 72.80 | | | | |
| LUCHTMEIJER, W. | | | | 8 | 12 | 9.10 | 109.20 |
| MCCARTHY, R.G.H. | 3 | 9.88 | 29.64 | | | | |

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| NAME | REGULAR TIME | | | OVERTIME | | | |
|------------------|--------------|-------|-------|----------|-----------------------|-------|--------|
| | HOURS | RATE | TOTAL | HOURS | CONVERTED OVERTIME | RATE | TOTAL |
| McCARTHY, R.G.H. | 3 | 9.88 | 29.64 | | | | |
| WOODS, R.G. | 8 | 8.34 | 66.72 | | | | |
| WOODS, R.G. | 8 | 8.34 | 66.72 | | | | |
| WOODS, R.G. | 8 | 8.34 | 66.72 | | | | |
| LUCHTMEIJER, W. | | | | 8 | 12 | 9.10 | 109.20 |
| LUCHTMEIJER, W. | | | | 8 | 12 | 9.10 | 109.20 |
| LUCHTMEIJER, W. | | | | 8 | 12 | 9.10 | 109.20 |
| REID, W.D. | | | | 1.5 | 2 | 9.88 | 19.76 |
| REID, W.D. | | | | 11 | 16.5 | 9.88 | 163.02 |
| REID, W.D. | | | | 8 | 12 | 9.88 | 118.56 |
| REID, W.D. | | | | 4.5 | 7 | 9.88 | 69.16 |
| SABEY, A.L. | 4 | 11.58 | 46.32 | | | | |
| SABEY, A.L. | 7 | 11.58 | 81.06 | | | | |
| SABEY, A.L. | | | | 8 | 12 | 11.58 | 138.96 |
| ECCLESTON, J.L. | 8 | 8.09 | 64.72 | | | | |
| ECCLESTON, J.L. | | | | 3.5 | 5 | 8.09 | 40.45 |
| LOK, K. | 3 | 9.52 | 28.56 | | | | |
| GRINSTEAD, R.J. | 3 | 9.52 | 28.56 | | | | |
| GRINSTEAD, R.J. | 3 | 9.52 | 28.56 | | | | |
| GRINSTEAD, R.J. | 2 | 9.52 | 19.04 | | | | |
| GRINSTEAD, R.J. | 2 | 9.52 | 19.04 | | | | |
| GRINSTEAD, R.J. | 1 | 9.52 | 9.52 | | | | |
| GRINSTEAD, R.J. | 1 | 9.52 | 9.52 | | | | |
| GRINSTEAD, R.J. | 1 | 9.52 | 9.52 | | | | |
| GRINSTEAD, R.J. | 8 | 7.62 | 60.96 | | | | |
| GRINSTEAD, R.J. | 8 | 7.62 | 60.96 | | | | |
| GRINSTEAD, R.J. | 8 | 7.62 | 60.96 | | | | |
| GRINSTEAD, R.J. | 8 | 7.62 | 60.96 | | | | |
| GRINSTEAD, R.J. | | | | 8 | 12 | 7.62 | 91.44 |
| GRINSTEAD, R.J. | | | | 8 | 12 | 7.62 | 91.44 |
| GRINSTEAD, R.J. | 8 | 7.62 | 60.96 | | | | |
| GRINSTEAD, R.J. | 8 | 7.62 | 60.96 | | | | |

...3

| NAME | REGULAR TIME | | | OVERTIME | | | |
|-----------------|--------------|-------|--------|----------|-----------------------|------|-------|
| | HOURS | RATE | TOTAL | HOURS | CONVERTED OVERTIME | RATE | TOTAL |
| GRINSTEAD, R.J. | 4 | 7.62 | 30.48 | | | | |
| BOWDEN, A.A. | 12 | 6.47 | 77.64 | | | | |
| BOWDEN, A.A. | 12 | 6.47 | 77.64 | | | | |
| BOWDEN, A.A. | 13 | 6.47 | 84.11 | | | | |
| BOWDEN, A.A. | 12 | 6.47 | 77.64 | | | | |
| BOWDEN, A.A. | 4 | 6.47 | 25.88 | | | | |
| MacKENZIE, A.A. | 8 | 9.10 | 72.80 | 4 | 6 | 9.10 | 54.60 |
| MacKENZIE, A.A. | 8 | 9.10 | 72.80 | 4 | 6 | 9.10 | 54.60 |
| MacKENZIE, A.A. | 8 | 9.10 | 72.80 | 5 | 7.5 | 9.10 | 68.25 |
| MacKENZIE, A.A. | 8 | 9.10 | 72.80 | 4 | 6 | 9.10 | 54.60 |
| MacKENZIE, A.A. | 4 | 9.10 | 36.40 | | | | |
| GREBER, L.A. | 6 | 9.52 | 57.12 | | | | |
| RAYNER, | 4 | 8.34 | 33.36 | | | | |
| RAYNER, | 8 | 8.34 | 66.72 | | | | |
| RAYNER, | 8 | 8.34 | 66.72 | | | | |
| RAYNER, | 8 | 8.34 | 66.72 | | | | |
| RAYNER, | 8 | 8.34 | 66.72 | | | | |
| RAYNER, | 8 | 8.34 | 66.72 | | | | |
| RAYNER, | 4 | 8.34 | 33.36 | | | | |
| RECHNER, G. | 16 | 13.20 | 211.20 | | | | |
| LAMBERT, J.G. | 10 | 11.58 | 115.80 | | | | |

TOTAL REGULAR TIME SALARIES - - - \$3,899.94

TOTAL OVERTIME SALARIES - - - \$1,707.66

TOTAL SALARIES \$5,607.60

IN THE MATTER OF A CLAIM FOR COMPENSATION PRESENTED
BY CANADA TO THE SOVIET UNION FOR DAMAGES INCURRED
AS A RESULT OF THE INTRUSION ON CANADIAN TERRITORY
ON JANUARY 24, 1978 OF THE COSMOS 954 SATELLITE
LAUNCHED BY THE SOVIET UNION

AFFIDAVIT OF BRIAN THOMAS LYNCH

I, BRIAN THOMAS LYNCH, of the City of Ottawa, of
the Province of Ontario, public servant, MAKE OATH AND SAY
AS FOLLOWS:

1. I am employed in the position of Chief Accounting
Officer of the Royal Canadian Mounted Police (hereinafter
referred to as the "^{R.C.M.P.}Department") of ~~the Government of Canada~~
and as such I have knowledge of the matters hereinafter
deposed.

2. In that position my regular duties include: being
aware of expenditures incurred by the ^{R.C.M.P.}Department; being
shown the invoices and other business records which document
the amounts owed for services and materials rendered to the
^{R.C.M.P.}Department; being responsible for the necessary steps to
determine if these invoices and business records accurately
reflect the amounts owed for services and materials rendered
to the ^{R.C.M.P.}Department; being certain that payments are made to
the persons and the companies who have submitted the invoices
and other business records for these services and materials
rendered to the ^{R.C.M.P.}department; and, being responsible for the
administration of the salary expenditures to the employees
of the ^{R.C.M.P.}Department.

3. Between January 24, 1978 and April 20, 1978 the
^{R.C.M.P.}Department was actively involved in the search and recovery
operation for the debris from the Cosmos 954 Satellite.

4. "I am informed by Insp. ^{C.R.}G.R. Latremouille, Officer
in Charge Administration and Personnel of the R.C.M.P. who is the
and I verily
believe that:

"G" sworn at
Yellowknife, ~~North~~
North West
Territories
31/8/78
113
000261

252

- 2 -

(a) ^{On January 29, 1978} Satellite debris was located at McLeod Bay on Great Slave Lake (Fort Reliance area), ^{North West Territories} On January 30, 1978 two members ^{of the RCMP} were sent in to assist DND personnel in guarding ^{the} scene; ^{these} Members were withdrawn from ^{the} site on February 5, 1978; when basic clean-up ^{was} completed; ^{the} Members ^{at the} site were rotated during this period.

(b) Members provided escort for the four possibly contaminated persons at Warden's Grove when they were brought to Yellowknife for examination, ^{consisting} This consisted of an escort from the airport ^{THIS CONSISTED} to the hospital and a check of the hospital for security purposes prior to DND personnel taking over the guarding of these individuals.

(c) ~~Satellite debris located in Warden's Grove area.~~ ^{RCMP} One member sent in with DND on January 1, 1978 to guard scene and a second member was sent in on January 1, 1978 to assist. These members were withdrawn from the site on February 6, 1978 when ^{the} military camp was firmly established to conduct clean-up and further search. ^{RCMP} Members ^{at} site were rotated during this period.

(d) ON. January 30, 1978 a member of the RCMP was sent in to guard the scene satellite debris located in the Warden's Grove area; ~~second member of the RCMP was sent in to the Warden's Grove area to assist.~~ ^{these two members}

(d) ^{On January 30, 1978} A member from Snowdrift Detachment ^{of the RCMP} patrolled to Fort Reliance ^{NWT} and cabins in the surrounding area via police aircraft to inform people of ^{the} this matter and warn them to stay clear of the affected area.

(e) ~~Some of the radioactive material was brought into Yellowknife for shipment to southern points. Our Members guarded these exhibits from approximately 1800 hours January 31, 1978 to approximately 1030 hours February 2, 1978 when it was flown out.~~

^{the location of satellite debris} ^{radioactive material} ^{brought into Yellowknife} ^{for shipment to southern points}

- 3 -

(f) On February 10, 1978,
Radioactive material ^{was} located in an area approximately
four miles west of Snowdrift, N.W.T. on Great Slave
Lake. A Member of Snowdrift Detachment ^{of the R.C.M.P.} ~~attended the~~
~~immediately and the member was this date~~
forthwith and replaced later ^{the} same day by a member of
Yellowknife Detachment ^{of the R.C.M.P.} who remained at site until
February 13, 1978.

(g) In addition to the foregoing specific incidents
involving our members, daily liaison was maintained
with local military personnel as well as members of
Atomic Energy Control Board. This included meetings
during staging segments of the operation. Adminis-
trative and operational personnel were also required
from time to time to arrange for guards at debris
sites, arrange for aircraft, check out reports
concerning the sighting of the satellite and provide
transportation for members involved in the operation."

4.5. The total amount spent by the ^{R.C.M.P.} Department to April 20,
1978 inclusive in the search and recovery operation was ^{fourteen thousand two hundred and} \$14,532.85 ^{and one}
dollars. These expenditures were incurred for the following goods ^{which two}
and services: ^{hundred and}
^{eighty five}
^{cents}

(a) Travel:

Costs of travelling from Yellowknife, N.W.T. to the
Mackenzie Bay or a warden's house area and
return as required, are summarized in Annex 1

(b) Materials and Supplies:

Annex 11 ~~sets out~~ lists materials supplies purchased
to operate single side band radios and portable
radios

(c) Salaries:

~~See~~ Annex 111 lists the salaries
for those ^{members of the R.C.M.P.} involved in Operation ^{from} January 24, 1978 to ^{April 20, 1978} February 27, 1978. This tabulation
also shows the cost of recorded overtime ^{hours, converted to} the dollar ^{equivalent of} \$0.000263

- 4 -

6.
The accounts, vouchers, receipts and other records relating to these expenses are in my control at the City of Ottawa.

OK
as
who
SWORN BEFORE ME IN THE CITY OF)

OTTAWA, IN THE REGIONAL ~~PROVINCE~~)

MUNICIPALITY OF ~~OTTAWA~~)

CARLETON THIS DAY OF)

A.D. 1978.)

BRIAN THOMAS LYNCH

Brian Thomas Lynch

ANNEX I

TRAVEL

(Yellowknife to McLeod Bay and Warden's
Grove areas, and return as required)

The total travel cost incurred by the R.C.M.P. in connection with
Operation Morning Light for the period January 21 - April 20,
1978 is \$8,830.58.

No travel costs were incurred by the R.C.M.P. for the period April
21 to the present.

Pre - 20 April

| | |
|--|------------|
| Police Aircraft | \$8,342.28 |
| Police Car 500 miles @ 20¢ per mile | \$ 100.00 |
| Oversnow Vehicle 6 hours @ \$2.50 | \$ 15.00 |
| Meals & Incidentals | \$ 373.30 |
| Sub-Total - | \$8,830.58 |

Post - 20 April

*Single otter
12.2 hrs*

0
0
0
0
0
0

*Single otter: 12.2 hours x 110 mph (average) =
1,342 miles x \$3.82 per mile = 5,126.44*

*2nd otter: 10.1 hours x 160 mph (average) = 1,616
miles x \$4.99 per mile = 8,075.84
8,342.28*

~~ANNEX VI~~ Annex II

MATERIALS AND SUPPLIES

Produced or Service Supplied
~~PROJECT~~

NAME OF SUPPLIER

DATE PAID

AMOUNT

Cardinal Industrial
Electronics Ltd.

Nine CH 4 batteries
single side bond
for SSB radios

June 27/77

\$78.72

MacLeods Merchandisers
Ltd.

Five batteries for
portable radios

Feb. 2/78

\$15.95

~~Sub Total~~

Sub Total

\$94.67

257

| <u>DATE(S)</u> | <u>NAME</u> | <u>RANK</u> | <u>REG. NBR.</u> | <u>REGULAR TIME</u> | | | <u>OVERTIME</u> | | | |
|--|------------------|-------------|----------------------|---------------------|-------------|--------------|--------------------|---------------------------|-------------|--------------|
| | | | | <u>HRS.</u> | <u>RATE</u> | <u>TOTAL</u> | <u>O/T HRS</u> | <u>CONVERTED O.T.</u> | <u>RATE</u> | <u>TOTAL</u> |
| Jan. 29/78 | HORSMAN, G.R. | CPL. | 25510 | 4 | 9.52 | 38.08 | | | | |
| Jan. 29/78 | WISHNOWSKI, L.V. | CST. | 27943 | | | | 3.5 | 5 | 9.10 | 45.50 |
| Jan. 29/78 | OTTOMAN, W.B. | CST. | 31538 | | | | 4.5 | 7 | 8.34 | 58.38 |
| Jan. 29/78 to Feb. 3/78 incl. | OTTOMAN, W.B. | CST. | 31538 | 40 | 8.34 | 333.60 | | | | |
| Jan. 29/78 to Feb. 3/78 incl. | REINHARDT, R.P. | CST. | 29706 | 40 | 9.10 | 364.00 | | | | |
| Jan. 29/78 | WALKER, S.K. | CST. | 31037 | 4 | 9.10 | 36.40 | | | | |
| Jan. 29/78 | ARMSTRONG, J.A. | S/SGT. | 19103 | 1 | 11.58 | 11.58 | | | | |
| Jan. 30/78 | ARMSTRONG, J.A. | S/SGT. | 19103 | 1 | 11.58 | 11.58 | | | | |
| Jan. 31/78 | ARMSTRONG, J.A. | S/SGT. | 19103 | 8 | 11.58 | 92.64 | | | | |
| Feb. 1/78 | ARMSTRONG, J.A. | S/SGT. | 19103 | 8 | 11.58 | 92.64 | | | | |
| Feb. 2/78 | ARMSTRONG, J.A. | S/SGT. | 19103 | 5 | 11.58 | 57.90 | | | | |
| Feb. 3/78 | ARMSTRONG, J.A. | S/SGT. | 19103 | 5 | 11.58 | 57.90 | | | | |
| Feb. 4/78 | ARMSTRONG, J.A. | S/SGT. | 19103 | 1 | 11.58 | 11.58 | | | | |
| Feb. 5/78 | ARMSTRONG, J.A. | S/SGT. | 19103 | 1 | 11.58 | 11.58 | | | | |
| Feb. 6/78 | ARMSTRONG, J.A. | S/SGT. | 19103 | 2 | 11.58 | 23.16 | | | | |

SALARY EXPENDITURES 24 JAN to 20 APRIL, 1978

ANNEX 14 (11)

| <u>DATE(S)</u> | <u>NAME</u> | <u>RANK</u> | <u>REG. NBR.</u> | <u>HRS.</u> | <u>RATE</u> | <u>TOTAL</u> | <u>O/T HRS</u> | <u>CONVERTED O.T.</u> | <u>RATE</u> | <u>TOTAL</u> |
|----------------|-------------------|-------------|----------------------|-------------|-------------|--------------|--------------------|---------------------------|-------------|--------------|
| Jan. 31/78 | PHELAN, A. | S/CST. | 396 | | | | 4 | 6 | 6.39 | 38.34 |
| Jan. 31/78 | HOBBS, R.W. | CST. | 29401 | 1.5 | 9.10 | 13.65 | | | | |
| Jan. 31/78 | HARTWIG, B.H. | CST. | 28149 | 1.5 | 9.10 | 13.65 | | | | |
| Jan. 31/78 | DRISDELLE, J.J.R. | CST. | 29560 | .5 | 9.10 | 4.55 | 2 | 3 | 9.10 | 2730 |
| Feb. 1/78 | WESTWOOD, A.K. | CPL. | 21935 | 2.5 | 9.88 | 24.70 | | | | |
| Feb. 1/78 | NORTH, E. | CST. | 29547 | 3 | 9.10 | 27.30 | | | | |
| Feb. 1/78 | HARRISON, R.S. | CST. | 30726 | 4 | 9.10 | 36.40 | | | | |
| Feb. 1/78 | LUCHTMEIJER, W. | CST. | 30406 | 3 | 9.10 | 27.30 | | | | |
| Feb. 10/78 | LUCHTMEIJER, W. | CST. | 30406 | 1 | 9.10 | 9.10 | 5 | 7.5 | 9.10 | 68.25 |
| Feb. 11/78 | LUCHTMEIJER, W. | CST. | 30406 | 8 | 9.10 | 72.80 | 5 | 7.5 | 9.10 | 68.25 |
| Feb. 12/78 | LUCHTMEIJER, W. | CST. | 30406 | 8 | 9.10 | 72.80 | | | | |
| Feb. 13/78 | LUCHTMEIJER, W. | CST. | 30406 | | | | 8 | 12 | 9.10 | 109.20 |
| Feb. 11/78 | McCARTHY, R.G.H. | CPL. | 22363 | 3 | 9.88 | 29.64 | | | | |
| Feb. 13/78 | McCARTHY, R.G.H. | CPL. | 22363 | 3 | 9.88 | 29.64 | | | | |
| Feb. 11/78 | WOODS, R.G. | CST. | 31699 | 8 | 8.34 | 66.72 | | | | |
| Feb. 12/78 | WOODS, R.G. | CST. | 31699 | 8 | 8.34 | 66.72 | | | | |
| Feb. 13/78 | WOODS, R.G. | CST. | 31699 | 8 | 8.34 | 66.72 | | | | |
| Feb. 3/78 | LUCHTMEIJER, W. | CST. | 30406 | | | | 8 | 12 | 9.10 | 109.20 |
| Feb. 4/78 | LUCHTMEIJER, W. | CST. | 30406 | | | | 8 | 12 | 9.10 | 109.20 |

SALARY EXPENDITURES 24 JAN to 20 APRIL, 1978

ANNEX IX - PAGE 2

| <u>DATE(S)</u> | <u>NAME</u> | <u>RANK</u> | <u>REG. NBR.</u> | <u>HRS.</u> | <u>RATE</u> | <u>TOTAL</u> | <u>O/T HRS</u> | <u>CONVERTED O.T.</u> | <u>RATE</u> | <u>TOTAL</u> |
|----------------|-----------------|-------------|----------------------|-------------|-------------|--------------|--------------------|---------------------------|-------------|--------------|
| Feb. 5/78 | LUCHTMEIJER, W. | CST. | 30406 | | | | 8 | 12 | 9.10 | 109.20 |
| Jan. 30/78 | REID, W.D. | CPL. | 30303 | | | | 1.5 | 2 | 9.88 | 19.76 |
| Jan. 31/78 | REID, W.D. | CPL. | 30303 | | | | 11 | 16.5 | 9.88 | 163.02 |
| Feb. 4/78 | REID, W.D. | CPL. | 30303 | | | | 8 | 12 | 9.88 | 118.56 |
| Feb. 5/78 | REID, W.D. | CPL. | 30303 | | | | 4.5 | 7 | 9.88 | 69.16 |
| Feb. 6/78 | SABEY, A.L. | S/SGT. | 23516 | 4 | 11.58 | 46.32 | | | | |
| Feb. 8/78 | SABEY, A.L. | S/SGT. | 23516 | 7 | 11.58 | 81.06 | | | | |
| Feb. 4/78 | SABEY, A.L. | S/SGT. | 23516 | | | | 8 | 12 | 11.58 | 138.96 |
| Jan. 31/78 | ECCLESTON, J.L. | C/M | 1935 | 8 | 8.09 | 64.72 | | | | |
| Jan. 31/78 | ECCLESTON, J.L. | C/M | 1935 | | | | 3.5 | 5.0 | 8.09 | 40.45 |
| Jan. 31/78 | LOK, K. | CPL. | 26857 | 3 | 9.52 | 28.56 | | | | |
| Feb. 1/78 | GRINSTEAD, R.J. | CST. | 32913 | 3 | 9.52 | 28.56 | | | | |
| Feb. 2/78 | GRINSTEAD, R.J. | CST. | 32913 | 3 | 9.52 | 28.56 | | | | |
| Feb. 3/78 | GRINSTEAD, R.J. | CST. | 32913 | 2 | 9.52 | 19.04 | | | | |
| Feb. 4/78 | GRINSTEAD, R.J. | CST. | 32913 | 2 | 9.52 | 19.04 | | | | |
| Feb. 5/78 | GRINSTEAD, R.J. | CST. | 32913 | 1 | 9.52 | 9.52 | | | | |
| Feb. 6/78 | GRINSTEAD, R.J. | CST. | 32913 | 1 | 9.52 | 9.52 | | | | |
| Feb. 9/78 | GRINSTEAD, R.J. | CST. | 32913 | 1 | 9.52 | 9.52 | | | | |
| Jan. 31/78 | GRINSTEAD, R.J. | CST. | 32913 | 8 | 7.62 | 60.96 | | | | |

SALARY EXPENDITURES 24 JAN to 20 APRIL, 1978

ANNEX IX - PAGE 3

| <u>DATE(S)</u> | <u>NAME</u> | <u>RANK</u> | <u>REG. NBR.</u> | <u>HRS.</u> | <u>RATE</u> | <u>TOTAL</u> | <u>O/T HRS</u> | <u>CONVERTED O.T.</u> | <u>RATE</u> | <u>TOTAL</u> |
|----------------|-----------------|-------------|----------------------|-------------|-------------|--------------|--------------------|---------------------------|-------------|--------------|
| Feb. 1/78 | GRINSTEAD, R.J. | CST. | 32913 | 8 | 7.62 | 60.96 | | | | |
| Feb. 2/78 | GRINSTEAD, R.J. | CST. | 32913 | 8 | 7.62 | 60.96 | | | | |
| Feb. 3/78 | GRINSTEAD, R.J. | CST. | 32913 | 8 | 7.62 | 60.96 | | | | |
| Feb. 4/78 | GRINSTEAD, R.J. | CST. | 32913 | | | | 8 | 12 | 7.62 | 91.44 |
| Feb. 15/78 | GRINSTEAD, R.J. | CST. | 32913 | | | | 8 | 12 | 7.62 | 91.44 |
| Feb. 6/78 | GRINSTEAD, R.J. | CST. | 32913 | 8 | 7.62 | 60.96 | | | | |
| Feb. 26/78 | GRINSTEAD, R.J. | CST. | 32913 | 8 | 7.62 | 60.96 | | | | |
| Feb. 27/78 | GRINSTEAD, R.J. | CST. | 32913 | 4 | 7.62 | 30.48 | | | | |
| Feb. 4/78 | BOWDEN, A.A. | CST. | 33844 | 12 | 6.47 | 77.64 | | | | |
| Feb. 5/78 | BOWDEN, A.A. | CST. | 33844 | 12 | 6.47 | 77.64 | | | | |
| Feb. 6/78 | BOWDEN, A.A. | CST. | 33844 | 13 | 6.47 | 84.11 | | | | |
| Feb. 7/78 | BOWDEN, A.A. | CST. | 33844 | 12 | 6.47 | 77.64 | | | | |
| Feb. 8/78 | BOWDEN, A.A. | CST. | 33844 | 4 | 6.47 | 25.88 | | | | |
| Feb. 4/78 | MackENZIE, A.A. | CST. | 29766 | 8 | 9.10 | 72.80 | 4 | 6 | 9.10 | 54.60 |
| Feb. 5/78 | MackENZIE, A.A. | CST. | 29766 | 8 | 9.10 | 72.80 | 4 | 6 | 9.10 | 54.60 |
| Feb. 6/78 | MackENZIE, A.A. | CST. | 29766 | 8 | 9.10 | 72.80 | 5 | 7.5 | 9.10 | 68.25 |
| Feb. 7/78 | MackENZIE, A.A. | CST. | 29766 | 8 | 9.10 | 72.80 | 4 | 6 | 9.10 | 54.60 |
| Feb. 8/78 | MackENZIE, A.A. | CST. | 29766 | 4 | 9.10 | 36.40 | | | | |
| Feb. 3/78 | GREBER, L.A. | CPL. | 27081 | 6 | 9.52 | 57.12 | | | | |

SALARY EXPENDITURES 24 JAN to 20 APRIL, 1978

ANNEX IX - PAGE 4

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SALARY EXPENDITURES 24 JAN to 20 APRIL, 1978

ANNEX IX - PAGE 5

| <u>DATE(S)</u> | <u>NAME</u> | <u>RANK</u> | <u>REG. NBR.</u> | <u>HRS.</u> | <u>RATE</u> | <u>TOTAL</u> | <u>O/T HRS</u> | <u>CONVERTED O.T.</u> | <u>RATE</u> | <u>TOTAL</u> |
|--|---------------|-------------|----------------------|-------------|-------------|------------------|--------------------|---------------------------|------------------|--------------|
| Jan. 31/78 | RAYNER, | CST. | 31244 | 4 | 8.34 | 33.36 | | | | |
| Feb. 1/78 | RAYNER, | CST. | 31244 | 8 | 8.34 | 66.72 | | | | |
| Feb. 2/78 | RAYNER, | CST. | 31244 | 8 | 8.34 | 66.72 | | | | |
| Feb. 3/78 | RAYNER, | CST. | 31244 | 8 | 8.34 | 66.72 | | | | |
| Feb. 4/78 | RAYNER, | CST. | 31244 | 8 | 8.34 | 66.72 | | | | |
| Feb. 5/78 | RAYNER, | CST. | 31244 | 8 | 8.34 | 66.72 | | | | |
| Feb. 6/78 | RAYNER, | CST. | 31244 | 4 | 8.34 | 33.36 | | | | |
| Jan. 29/78* to Feb. 15/78 Incl. | RECHNER, G. | INSP. | 0.920 | 16 | 13.20 | 211.20 | | | | |
| Jan. 29/78* to Feb. 15/78 Incl. | LAMBERT, J.G. | S/SGT. | 18580 | 10 | 11.58 | 115.80 | | | | |
| REGULAR TIME TOTAL | | | | | | <u>\$3899.94</u> | | | | |
| | | | | | | | OVERTIME TOTAL | | <u>\$1707.66</u> | |
| | | | | | | | <u>GRAND TOTAL</u> | | <u>\$5607.60</u> | |

* MEMBERS ARE O.C. & S/DIVISION N.C.O. OF YELLOWKNIFE SUB-DIVISION INVOLVED IN THE ADMINISTRATION AND CO-ORDINATION OF MEMBERS AND FLIGHTS. HOURS SHOWN ARE ESTIMATED.

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IN THE MATTER OF A CLAIM FOR COMPENSATION PRESENTED
BY CANADA TO THE SOVIET UNION FOR DAMAGES INCURRED
AS A RESULT OF THE INTRUSION ON CANADIAN TERRITORY
ON JANUARY 24, 1978 OF THE COSMOS 954 SATELLITE
LAUNCHED BY THE SOVIET UNION

BRIAN THOMAS LYNCH
AFFIDAVIT OF ~~JOHN HENRY DOE~~

BRIAN THOMAS LYNCH

I, ~~JOHN HENRY DOE~~, of the City of Ottawa,
of the Province of Ontario, public servant, MAKE OATH
AND SAY AS FOLLOWS:

1. I am employed in the position of Chief
Accounting Officer of the ~~Department of~~ ROYAL CANADIAN MOUNTED POLICE ~~(insert name)~~
of Department) (hereinafter referred to as the "Department")
of the Government of Canada and as such I have knowledge of
the matters hereinafter deposed.

2. In that position my regular duties include: being
aware of expenditures incurred by the Department; being
shown the invoices and other business records which document
the amounts owed for services and materials rendered to the
Department; being responsible for the necessary steps to
determine if these invoices and business records accurately
reflect the amounts owed for services and materials rendered
to the Department; being certain that payments are made to

. . . / 2

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SUMMARY OF RCMP MEMBER INVOLVEMENT
COSMOS 954 INCIDENT

~~As a result of the crash of COSMOS 954 on 78-01-24~~
~~our members were involved as follows.~~

← (A)

78-01-29

Satellite debris^{was} located at McLeod Bay on Great Slave Lake (Fort Reliance area). On 78-01-30 two members were sent in to assist DND personnel in guarding scene. Members were withdrawn from site on 78-02-05 when basic clean-up completed. Members at site were rotated during this period.

Members provided escort for the four possibly contaminated persons at Warden's Grove when they were brought to Yellowknife for examination. This consisted of an escort from the airport to the hospital and a check of the hospital for security purposes prior to DND personnel taking over the guarding of these individuals.

78-01-30

Satellite debris located in Warden's Grove area. One member sent in with DND on 78-01-30 to guard scene and a second member was sent in on 78-01-31 to assist. These members were withdrawn from the site on 78-02-06 when military camp was firmly established to conduct clean-up and further search. Members at site were rotated during this period.

A member from Snowdrift Detachment patrolled to Fort Reliance and cabins in the surrounding area via police aircraft to inform people of this matter and warn them to stay clear of the affected area.

264

- 2 -

78-01-31

Jan 31, 1978

Some of the radioactive material was brought into Yellowknife for shipment to southern points. Our members guarded these exhibits from approximately 1800 hours ~~78-01-31~~ to approximately 1030 hours ~~78-02-01~~ when it was flown out.

Feb 2, 1978

78-02-10

Radioactive material located in area approximately four miles west of Snowdrift, N.W.T. on Great Slave Lake. Member of Snowdrift Detachment to scene forthwith and replaced later same day by member of Yellowknife Detachment who remained at site until ~~78-02-13~~. Feb 21, 1978.

In addition to the foregoing specific incidents involving our members, daily liaison was maintained with local military personnel as well as members of Atomic Energy Control Board. This included meetings during staging segments of the operation. Administrative and operational personnel were also required from time to time to arrange for guards at debris sites, arrange for aircraft, check out reports concerning the sighting of the satellite and provide transportation for members involved in the operation."

265

- 2 -

the persons and the companies who have submitted the invoices and other business records for these services and materials rendered to the department; and, being responsible for the administration of the salary expenditures to the employees of the Department.

3. Between January 24, 1978 and April 20, 1978 the Department was actively involved in the search and recovery operation for the debris from the Cosmos 954 Satellite. ~~(Here set out the nature of the department's involvement, the actual services the department performed, the place where these services were rendered, and the manpower devoted to the operation. If the financial officer does not know this information then he should inform himself from the knowledgeable and responsible officer of the department and he should so state as follows:~~

Insp G.R. LATREMOUILLE, OFFICER IN
"I am informed by ~~Mr. ABC (give his title),~~
CHARGE ADMINISTRATION AND PERSONNEL
and I verily believe that: ~~(and then give the~~
information)".

INVENT

(A) →

4. The total amount spent by the Department to April 20, 1978 inclusive in the search and recovery operation was 14,532.85 dollars. These

. . . / 3

28 2008

Sandra

Number

ANNEX I

20-V' not

up
encl

(13) →

TRAVEL

(Yellowknife to McLeod Bay and
Inarden's frame areas, and return
as required)

The total travel cost incurred by the RCMP
in connection with Operation Morning Light
for the period January 21 - April 20, 1978
is \$ 8830.58

No travel costs were incurred by the RCMP
for the period April 21 to the present.

PRE - 20 April

Post - 20 April

Police Aircraft \$ 8342.28

0

Police Car \$ 100.00

0

OVERSNOW Vehicle \$ 15.00

0

MEALS AND INCIDENTALS \$ 373.30

0

SUB-TOTAL \$ 8,830.58

0

6 b 'e 20 bel 25
"

2. BTL

ANNEX II

ADDITIONAL TRAVEL CHARGES

NIL.

ANNEX TIT

TRANSPORTATION CHARGES

NIL

ANNEX IV

PROFESSIONAL AND SPECIAL SERVICES

NIL

ANNEX V

RENTALS

NIL

Annex VI

MATERIALS AND SUPPLIES

[illegible]

ANNEX VII

EQUIPMENT

NIL

ANNEX VIII

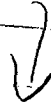
ALL OTHER EXPENDITURES

ANNEX IX

SALARY EXPENDITURES 24 Jan to 20 April, 1978

SEE

(B) →



- 3 -

expenditures were incurred for the following goods
and services:

(B) →

*(Please specify these expenses under headings
as was done by the Atomic Energy Control Board.
Also include an explanation of the reasons for
these expenses under each heading. Do not
include any expenses incurred after April 20,
1978. No reference should be made to total
and incremental costs, however it should be
evident from the breakdown of the expenses
which costs are incremental. Note: this
paragraph will be several pages.)*

LAST

5. The accounts, vouchers, receipts and other
records relating to these expenses are in my control at
the City of Ottawa.

SWORN BEFORE ME IN THE CITY OF)
OTTAWA, IN THE REGIONAL)
MUNICIPALITY OF OTTAWA-)
CARLETON THIS DAY OF)
JULY, A.D. 1978.)
)

~~A Commissioner etc~~

John Henry Dee
Brian Thomas Lynch.

OUTGOING MESSAGES



MESSAGES SORTANTS

● INSTRUCTIONS ON REVERSE

● DIRECTIVES AU VERSO

| | | | |
|---|---|--|---|
| Time of Receipt — Heure de réception | File No. — N° de dossier G.S. 785-47 | Drafter's Name — Nom du rédacteur SGT. B. COOPER | Time of Dispatch — Heure d'envoi |
| | Br. or Section — Sous-direction ou section FIN. MGMT. BR. | Phone No. — N° de téléphone 3-1542 | |
| Precedence for Action Addresses Priorité pour suite à donner ROUTINE | Precedence for Infor. Addresses Priorité pour renseignements | Date 1978-08-31 | Security, CLASSIFICATION sécuritaire CONFIDENTIAL |
| FROM DE COMM'R OTTAWA | | | |
| TO À C.O. "G" - YELLOWKNIFE | | | |
| INFO. POUR RENSEIGNEMENTS ATT'N: OIC ADMIN. & PERSONNEL | | | |

ORIGINATORS
MESSAGE NO. **FMB/144** N° DU MESSAGE
ORIGINAL

RE COSMOS .954 - CLAIM AGAINST THE USSR. FURTHER TO YOUR CORR DATED
1978-08-04 PLEASE FORWARD ORIGINALS OF THE SUPPORTING DOCUMENTS (OVERTIME
CLAIMS; F-93's & ACCOUNTS) TO THIS HQ. THESE ORIGINALS WILL BE RETAINED
AT THIS HQ IN THE EVENT WE ARE REQUIRED TO PRODUCE SAME AT A FUTURE DATE.

| | |
|--|---|
| Signature of person releasing message de l'expéditeur B.T. Lynch, Officer i/c, Financial Management Br. | Time Released (time of signature) Heure d'expédition (heure de la signature) |
|--|---|

INSTRUCTIONS

FILE NUMBER, BRANCH OR SECTION, DRAFTER'S NAME, ETC.:—
Originator **MUST** complete all boxes to facilitate prompt handling
of a reply or query.

PRECEDENCE:—Enter for

A) All action addresses, i.e. **DEFERRED, ROUTINE, PRIORITY,
OPERATIONAL IMMEDIATE OR EMERGENCY.**

B) All information addresses usually deferred.

SECURITY CLASSIFICATION:—Enter in all cases including unclas-
sified.

TO: Enter all action addresses.

INFO: Enter all information addresses.

ORIGINATOR'S MESSAGE NUMBER:—

A) Enter originator's message number (it will be transmitted as
first word of text of message.)

B) When replying to a message quote original message number,
e.g. KCIB 62 your NPSIC 1284/13.

C) When sending follow-up message, quote original message
number, Date and Subject Caption, e.g. KCIB 62 further to
KCIB 59 of 12-2-72 re FPS 100001 John Smith fraud.

DIRECTIVES

**N° DU DOSSIER, SOUS-DIRECTION OU SECTION, NOM DU RÉDAC-
TEUR, ETC.:** L'auteur **DOIT** remplir toutes ces cases afin de faciliter
l'acheminement rapide d'une réponse ou d'une demande.

PRIORITÉ: À indiquer dans tous les cas

A) où il faut donner suite à une affaire: **DIFFÉRÉ, ORDINAIRE,
PRIORITAIRE, OPÉRATION IMMÉDIATE OU EXTRÊME URGENCE.**

B) à titre de renseignements: ordinaire habituellement

CLASSIFICATION SÉCURITAIRE: À indiquer dans tous les cas, y
compris non classifié.

À: Inscire l'adresse de toutes les personnes qui doivent donner
suite à l'affaire.

POUR RENSEIGNEMENTS: Inscire l'adresse de tous ceux qui doi-
vent recevoir le message à titre de ren-
seignements.

N° DU MESSAGE ORIGINAL:

A) inscrire le n° du message original (il sera transmis comme
premier mot du texte)

B) lorsque vous répondez à un message, citez le numéro de ce
message, p.ex. KCIB 62 votre n° NPSIC 1284/13.

C) lorsque vous donnez suite à un message, citez le numéro
de ce message, la date et le sujet en rubrique, p.ex. KCIB 59
du 12-2-72, objet: FPS 100001, John Smith, escroquerie. . .

HEADQUARTERS TRANSIT SLIP

DATE 78-08-31

TO: SGT Cooper FROM: SGT Mockford
TO: FROM:
TO: FROM:
TO: FROM:
TO: FROM:

☐ COMMENTS ☐ PREPARE BRIEF ☐ CHECK RECORDS
☐ PERUSAL - NO ACTION REQUIRED ☐ SEE SENDER ☐ INSTRUCTIONS
☐ EXAMINATION AND ACTION ☐ MAKE FILE(S) ☐
☐ PREPARE REPLY ☐ RETURN WITH CURRENT FILE ☐

REMARKS Some officers are Commissioners for Oaths -
I am not aware who in the Pickering
Building is a 'Commissioner' however I understand
that there is one for each RCMP Building.
Should you have difficulty Insp. Jackson

REPLY 'L' Directorate 3-3800 (189) and Supt Duke
3-3800 5th floor Ident are Commissioners
for Oaths and may be of assistance

You should check the dates and amounts
set out in the affidavit for accuracy - In
light of the 1 Sept 78 deadline you should
arrange to have a Duty Officer deliver same
directly at the earliest.

DMockford

GS 785-47 278

CONFIDENTIAL

TELECOMMUNICATIONS

SEP 1 10 54 AM '78

PICKERING BUILDING

VNDZVPZ09 ROUTINE YK SEP01 C O N F I D E N T I A L

COMPTON

GFSS1752/1 REUR F03/144 ORIGINALS OF OVERLINE CLAIMS AND ACCOUNTS
HELD BY D S O ORIGINAL 13936 AND SUPPORTING DOCUMENTS WILL BE
FWD PROVIDING NO AUDIT UNIT WILL ACCEPT FOTO COPIES ON ANNUAL
AUDIT KIDOLY ADVISE

C DIV

PLS ACK MSG THANKS

OTI2 ACKS IXGKKKK

WARNING

**THIS IS A
CLASSIFIED
CYPHER MESSAGE**

**All replies or references to it must bear
the security classification stamped hereon,
unless downgraded by proper authority.**

YOUR TELEPHONE IS NOT SECURE

**The content or any portion of this message
irrespective of classification is NOT to be
discussed over the telephone.**

BFC:bjjs

279

OUTGOING MESSAGES

MESSAGES SORTANTS



● INSTRUCTIONS ON REVERSE

● DIRECTIVES AU VERSO

| | | | |
|--|---|---|--|
| Time of Receipt — <i>Heure de réception</i> | File No. — <i>N^o de dossier</i> G.S. 785-47 | Drafter's Name — <i>Nom du rédacteur</i> Sgt. B.F. Cooper | Time of Dispatch — <i>Heure d'envoi</i> |
| | Br. or Section — <i>Sous-direction ou section</i> Fin. Mgmt. Branch | Phone No. — <i>N^o de téléphone</i> 3-1542 | |
| Precedence for Action Addresses <i>Priorité pour suite à donner</i> ROUTINE | Precedence for Infor. Addresses <i>Priorité pour renseignements</i> | Date 1978-09-11 | Security, CLASSIFICATION <i>sécuritaire</i> CONFIDENTIAL |
| FROM DE COMM'R R.C.M.P. - OTTAWA | | | |
| TO A C.O. "G" DIVISION - YELLOWKNIFE | | | |
| INFO. POUR RENSEIGNEMENTS | | | |

103

ORIGINATORS **FMB/162** *N^o DU MESSAGE*
MESSAGE NO. **ORIGINAL**

NO. 2 1570

"S" SUB- REG.

ATTN: OIC ADMIN. PERSONNEL

REUR GFSS/752/1

RE: COSMOS 954 - CLAIMS AGAINST THE USSR

PLEASE FORWARD ORIGINAL F-93's AND SUPPORTING DOCUMENTS TO THIS HQ AND RETAIN A COPY FOR AUDIT PURPOSES. ALSO ADVISE BY RETURN TELEX THE BATCH NUMBERS AND DATE PROCESSED OF THE OVERTIME CLAIMS AND THE TWO ACCOUNTS. THIS IS NECESSARY TO RETRIEVE THE ORIGINALS FROM THE D.S.O.

25/10/78
11/13

| | |
|---|--|
| Signature of person releasing message <i>de l'expéditeur</i> B.T. Lynch, OIC Fin. Mgmt. Branch | Time Released (time of signature) <i>Heure d'expédition (heure de la signature)</i> |
|---|--|

INSTRUCTIONS

FILE NUMBER, BRANCH OR SECTION, DRAFTER'S NAME, ETC.:—
Originator **MUST** complete all boxes to facilitate prompt handling
of a reply or query.

PRECEDENCE:— Enter for

A) All action addresses, i.e. **DEFERRED, ROUTINE, PRIORITY,
OPERATIONAL IMMEDIATE OR EMERGENCY.**

B) All information addresses usually deferred.

SECURITY CLASSIFICATION:— Enter in all cases including unclas-
sified.

TO: Enter all action addresses.

INFO: Enter all information addresses.

ORIGINATOR'S MESSAGE NUMBER:—

A) Enter originator's message number (it will be transmitted as
first word of text of message.)

B) When replying to a message quote original message number,
e.g. KCIB 62 your NPSIC 1284/13.

C) When sending follow-up message, quote original message
number, Date and Subject Caption, e.g. KCIB 62 further to
KCIB 59 of 12-2-72 re FPS 100001 John Smith fraud.

DIRECTIVES

**N° DU DOSSIER, SOUS-DIRECTION OU SECTION, NOM DU RÉDAC-
TEUR, ETC.:** L'auteur **DOIT** remplir toutes ces cases afin de faciliter
l'acheminement rapide d'une réponse ou d'une demande.

PRIORITÉ: À indiquer dans tous les cas

A) où il faut donner suite à une affaire: **DIFFÉRÉ, ORDINAIRE,
PRIORITAIRE, OPÉRATION IMMÉDIATE OU EXTRÊME URGENCE.**

B) à titre de renseignements: ordinaire habituellement

CLASSIFICATION SÉCURITAIRE: À indiquer dans tous les cas, y
compris non classifié.

À: Inscire l'adresse de toutes les personnes qui doivent donner
suite à l'affaire.

POUR RENSEIGNEMENTS: Inscire l'adresse de tous ceux qui doi-
vent recevoir le message à titre de ren-
seignements.

N° DU MESSAGE ORIGINAL:

A) inscrire le n° du message original (il sera transmis comme
premier mot du texte)

B) lorsque vous répondez à un message, citez le numéro de ce
message, p.ex. KCIB 62 votre n° NPSIC 1284/13.

C) lorsque vous donnez suite à un message, citez le numéro
de ce message, la date et le sujet en rubrique, p.ex. KCIB 59
du 12-2-72, objet: FPS 100001, John Smith, escroquerie. . .

280

~~CONFIDENTIAL~~
~~SECRET~~
WARNING

**THIS IS A
CLASSIFIED
CRYPTER MESSAGE**

CONFIDENTIAL

SEP 14 6 16 PM '78

COMMUNICATIONS

All replies or references to it MUST bear
the security classification stamped hereon,
unless downgraded by proper authority.
YOUR TELEPHONE IS NOT SECURE
The content or any portion of this message
irrespective of classification is NOT to be
discussed over the telephone.

31 ROUTINE YK 78-09 C O N F I D E N T I A L

COMMR OTT

GFSS 1825/1 REUR FMB/162 ORIGINAL 1393S AND SUPPORTING
DOCUMENTS IN MAIL. BATCH NBRS FOR OVERTIME AS FWLS:

| | | | |
|-----|----------|-----------------|-------|
| G07 | 78-03-15 | LUCHTMEIJER W | 30406 |
| G06 | 78-03-14 | REID W D | 30303 |
| G05 | 78-03-14 | SABEY A L | 23516 |
| G04 | 78-03-14 | GRINSTEAD R J | 32913 |
| | | MACKENZIE A A | 29766 |
| G03 | 78-02-13 | DRISDELLE J J R | 29560 |
| | | OTTOMAN W B | 31538 |
| | | ECCLESTON J L | C/935 |
| G04 | 78-02-13 | WISHNOWSKI L V | 27943 |
| G02 | 78-02-13 | PHELAN A | S/396 |
| | | REID W D | 30303 |

ONE ACCOUNT ATTACHED TO 1393 IN MAIL
G23 UUAPUAPY CARDINAL ELECTRONIC NBR A150283

G DIV

PL

DE OTT ACK TKS

CONFIDENTIAL

V
DE OTT ACK TKS

103
REVIEWER.....

NOV 2 1978

"S" SUB- REG.

SEP 17 1978
"S" PROSECUTE
DIRECTION "S"

HQ Admin
350-PB

DA
25/11/78
1/13



Government of Canada
Gouvernement du Canada

MEMORANDUM

NOTE DE SERVICE

TO
À

THE COMMISSIONER, OTTAWA

Attention: D.S.S.


FROM
DE

OFFICER IN CHARGE ADMIN. & PERSONNEL
"G" DIVISION

| |
|--|
| SECURITY - CLASSIFICATION - DE SÉCURITÉ CONFIDENTIAL |
| OUR FILE - N/RÉFÉRENCE 78G-000-2 |
| YOUR FILE - V/RÉFÉRENCE GS785-47 (su) |
| DATE 78-09-14 |

SUBJECT
OBJET Expenditures Attributable to the
Cosmos 954 Incident

Your telex FMB/162 and our reply telex GFSS1825/1 refers.
Original 1393's and supporting documents are attached.


C.R. Latremouille, Insp.,
Officer In Charge,
Admin. & Personnel

18
REVIEWER

APR 3 1980

3 21 222229



ROYAL CANADIAN MOUNTED POLICE
GENDARMERIE ROYALE DU CANADA

U.F.C. NO. - C.F. NO
G1133

EXPENSE STATEMENT - ÉTAT DE COMPTE

| | |
|---|--|
| DIVISION "G" | DÉTACHEMENT - DÉTACHEMENT Snowdrift |
| SUB-DIVISION - SOUS-DIVISION Yellowknife | PERIOD - DURÉE 14-jan-15 FEB 78 |

| DATE | DETAILS - DÉTAILS | PATROL & CASE INVESTIGATION EXPENSES DÉPENSES: PATROUILLE ET ENQUÊTE | "HQ" USE ONLY RÉSERVÉ À LA "DG" |
|-----------------------|---|---|------------------------------------|
| | #31244, Cst. H.W. RAYNER, <u>Transfer Expenses</u> | | |
| 14 Jan | Attached receipt located after last F-93 submission. Amount claimed as per receipt #1 attached. | \$56.52 | G0412 - 220 |
| | ----- | | |
| | SATELLITE SECURITY ASS'T BAKER LAKE DET. <u>THELON GAME SANCTUARY AREA, N.W.T. 31 JAN-6 FEB 78</u> | | |
| | Member departed Snowdrift, N.W.T. 12:00 Pm 31 Jan, via CF-MPP. Member remained in Thelon area until 5 Feb, at which time returned to Yellowknife, N.W.T.. Lodging and meals claimed on personal d credit card for self and Cst. GRINSTEAD, Baker Lake Det.. Member returned to Snowdrift via CF-MPP 12:00 PM 6 FEB 78. | | |
| 31 JAN to 4 FEB | Patrol Cabin Composite Allowance 5 days @ \$12.35 ^{13.10} | 65.50 61.75 | |
| 5 FEB | 1 (B) @ \$2.10 ^{2.15} , 1 (L) @ \$2.75 2 (D) @ \$8.50. Lodging Expenses at Explorer Hotel (Receipt #2 att.) Incidental Expenses. | 4.90 4.85 17.00 55.35 3.90 | G0632 200 |
| 6 FEB | 2 (B) actual \$price \$6.65 (charged to room neither member carrying cash while in 'bush'.) Incidental Expenses. | 6.65 3.90 | |
| | ----- | | |
| | Paul KOE, Common Assault, <u>Inuvik, N.W.T. - 24 JUN 77</u> | | |
| | Member required Inuvik Magistrates Court 8 FEB 78 for a/n trial. Ptarmigan Airways ticket purchased on TR # 231999. Departed Snowdrift 4:00 PM 7 FEB 78. PWA ticket purchased on TR # 232000. Departed Yellowknife 6:15 PM 7 FEB. Member returned as prisoner escort via CF-MPH 11 FEB 78. | | |

ROYAL CANADIAN
MOUNTED POLICEGENDARMERIE ROYALE
DU CANADAEXPENSE CLAIM
DEMANDE D'INDEMNITÉDocument disclosed under the Access to Information Act -
Document divulgué en vertu de la Loi sur l'accès à l'information

UNIT-SERVICE

Hay River High. Pat.

| DATE | DETAILS-DÉTAILS | EXPENSES DÉPENSES | DIV. USE ONLY RÉSERVE À LA DIV. |
|--------|---|---------------------------------|---------------------------------------|
| | <u>Cosmos Satellite Site Recovery Operation - Morning Star</u> | | |
| | Departed Hay River 4 Feb 78 for Warden's Grove, NWT via CF-MPB. Arrived Warden's Grove at 1:45 PM. Departed Satellite Site 1 at 7 Feb 78, 3:20 PM for Yellowknife. Arrived Yellowknife at 9:00 PM. Departed Yellowknife at 9:00 AM, 8 Feb 78 via CF-MPP for Hay River. Arrived Hay River at 11:30 AM | | |
| 4Feb78 | Incidental Expenses | 2.25 | 200 |
| 5Feb78 | Incidental Expenses | 2.25 | |
| 6Feb78 | Incidental Expenses | 2.25 | |
| 7Feb78 | Accommodation at Yellowknife Inn, Yellowknife, NWT @ \$35.00. Receipt #1 attached. | 35.00 | |
| | 1 (D) @ \$8.50 Incidental Expenses | 8.50 2.25 3.90 | 470 |
| 8Feb78 | 1 (B) @ \$3.10 Incidental Expenses | 3.10 3.90 | |
| | Dry cleaning of one Northern Parka and one pair of long blues. Clothing soiled while at Satellite Site at Warden's Grove. Receipt #2 attached..... Also cleaned were three shirts. | 8.70 6.75 | |
| | | | |

I certify that these expenses were incurred on
Government business.
Je certifie que les dépenses indiquées ci-dessus
ont été occasionnées par suite d'affaires
gouvernementales autorisées.

(Signature)
CLAIMANT
RECLAMANT
(A.A. MacKENZIE) Cst.

SIGNATURE

I certify that these services were performed, that the
prices are reasonable and just, and that travel was
authorized.

Je certifie que les services susmentionnés ont été
rendus, que les prix sont justes et raisonnables, et que
le voyage a été autorisé.

UNIT COMMANDER
RESPONSABLE DU
G.D. Sveinbjornson S/Sgt.

SIGNATURE

| | |
|---|------------------------------|
| TOTAL EXPENSES TOTAL DES DÉPENSES | \$ 69.85 68.20 |
| LESS TEMPORARY PERSONAL ADVANCE MOINS L'AVANCE PERSONNELLE | \$ 67.90 |
| AMOUNT DUE CLAIMANT MONTANT DÙ AU RECLAMANT | \$ 69.85 68.20 |
| AMOUNT DUE DIVISION CONTINGENCY ACCOUNT MONTANT DÙ AU COMPTE DIV. D'ÉVENTUALITÉS | \$ 67.90 |

CLAIMANT
RECLAMANT Given Name-Prénoms
AustinInitial-Initiale
A.Surname-Nom de famille
MacKENZIEReg/Officer No.
N° matr. de l'officier 27766CERTIFIED PURSUANT TO SECTION 27 OF THE FIN-
ANCIAL ADMINISTRATION ACT.
CERTIFIÉ EN VERTU DE L'ARTICLE 27 DE LA LOI
SUR L'ADMINISTRATION FINANCIÈRE

Reviewed by-Révisé par

Audited by-Vérifié par

CHEQUE NO.
N° DE CHEQUE

DATE

| | | | |
|---------|------|----------|-------------|
| C/O | NAME | INITIALS | ROOM NO. |
| RATE | | CITY | PROV./STATE |
| ARRIVAL | | CLERK | |



284
YELLOWKNIFE
INN
YELLOWKNIFE,
N.W.T.

| DATE | EXPLANATION | AMT. CHARGED | AMT. CREDITED | BAL. DUE | PICK-UP |
|---------------------|-------------|--------------|---------------|----------|----------|
| FEB-7 th | ROOM 339 | C 35.00 | | * 35.00 | C* 35.00 |
| FEB-8 th | PAID 339 | | A* 35.00 | * 35.00 | |

Receipt #

REGARDLESS OF CHARGE INSTRUCTIONS, THE UNDERSIGNED GUEST
ACKNOWLEDGES THE ABOVE AS A PERSONAL INDEBTEDNESS.

GUEST'S
SIGNATURE

CHARGE TO

ADDRESS

21767

000296

285



HAY RIVER CLEANERS

PH. 874-2492 - BOX 448

HAY RIVER - N.W.T.

"In The North To Service The North"

DATE Feb 10. 78 19

M. Mae Kenzie

| QUAN. | DESCRIPTION | AMOUNT |
|-------|---------------------|--------|
| 1 | PANTS | 1.25 |
| | SLACKS | |
| | SUITS L. M. | |
| 1 | COATS <u>Parlor</u> | 5.00 |
| | SWEATERS L. M. | |
| | DRESSES | |
| | SKIRTS | |
| | | |
| | | |
| 3 | SHIRTS | 1.95 |
| | LAUNDRY | |
| 29 | | 8.70 |

LAWSON & JONES LTD., LONDON, ONT.

G-0536

ROYAL CANADIAN
MOUNTED POLICEGENDARMERIE ROYALE
DU CANADAEXPENSE CLAIM
DEMANDE D'INDEMNITÉDocument disclosed under the Access to Information Act
Document divulgué en vertu de la Loi sur l'accès à l'information

UNIT-SERVICE

Detachment

EXPENSES
DÉPENSESDIV. USE ONLY
RÉSERVE
À LA DIV.

DATE

DETAILS-DÉTAILS

Feb 78

OPERATION MORNING LIGHT * ASSIST D.N.D.
Reliance Site 03-05 February 1978Depart for Reliance Site, Satellite One, at approx.
10.00 am, 03 FEB 78. Return to Yellowknife at approx.
2.30 pm the 05 FEB 78.

03

MEALS: Patrol Cabin rates 1(L)
1(D)
1 Inc Ex.2.75 -
5.95 -
2.25 -

04

MEALS " " " 1(B)
1(L)
1(D)
1 INC EX2.15 -
2.75 -
5.95 -
2.25 -

05

MEALS " " " 1(B)
1(L)
1 INC EX2.15 -
2.75 -
2.25 -SAKITO, G. Prisoner Escort to Edmonton
07 - 08 February 1978

T.R. 279929

Prisoner Escort to Edmonton. Depart Yellowknife
10.45 am 07 FEB 78. Return to Yellowknife 10.00am
10 FEB 78. R.T.O. from Rev 08 - Rev 10 FEB 78.

07

MEALS 1(D)
INC EX8.50 -
3.90 -

07/08

Accommodation in Edmonton, Edmonton Plaza Hotel at
Govt rate. Receipt attached.

37.00

08

CN express bill for One suitcase the property of
G, SAKITO which was returned to escorting member
because it would not be accepted by the Edmonton
guardroom as prisoner effects. Suitcase was shipped
to Drumheller Corr. Center via CN express. Receipt att 5.503.10 -
3.90 -

10

MEALS ~~1(B)~~
INC EX

000298

ROYAL CANADIAN
MOUNTED POLICEGENDARMERIE ROYALE
DU CANADAEXPENSE CLAIM
DEMANDE D'INDEMNITÉDocument disclosed under the Access to Information Act -
Document divulgué en vertu de la Loi sur l'accès à l'information

UNIT-SERVICE

Detachment

| DATE | DETAILS-DÉTAILS | EXPENSES DÉPENSES | DIV. USE ONLY RÉSERVÉ À LA DIV. |
|-----------|---|----------------------------------|---------------------------------------|
| 10 FEB 78 | Airporter Bus Transport from Edmonton to the International airport. OPERATION MORNING DIGHT * ASSIST D.N.D. Snowdrift Site 10 - 13 FEB 78 Depart for Snowdrift site 3.30 pm 10 FEB 78. Return to Yellowknife at approx. 4.30 pm the 13 FEB 78. | 3.00 | 203 |
| 10 | MEALS: Patrol Cabin Rates 1(D) INC EX | 5.95- 2.25- | |
| 11 | MEALS " " " 1(B) 1(L) 1(D) INC EX | 2.15- 2.75- 5.95- 2.25- | 200 |
| 12 | MEALS " " " 1(B) 1(L) 1(D) INC EX | 2.15- 2.75- 5.95- 2.25- | |
| 13 | MEALS " " " 1(B) 1(L) INC EX | 2.15- 2.75- 2.25- | |
| 15 | Drycleaning expenses re: Articles of Uniform badly stained and damaged on Operation Morning light at Sattellite One and at the Snowdrift site. Receipt attached. okay H. | 14.00 14.00 | 470 |

I certify that these services were incurred on Government business.
Je certifie que les dépenses indiquées ci-dessus ont été occasionnées par suite d'affaires gouvernementales autorisées.

I certify that these services were performed, that the prices are reasonable and just, and that travel was authorized.

Je certifie que les services susmentionnés ont été rendus, que les prix sont justes et raisonnables, et que le voyage a été autorisé.

TOTAL EXPENSES
TOTAL DES DÉPENSES

\$

134.55

148.55

134.55

LESS TEMPORARY
PERSONAL ADVANCE
MOINS L'AVANCE
PERSONNELLE

\$

.00

AMOUNT DUE CLAIMANT
MONTANT DÙ
AU RÉCLAMANT

\$

148.55

14.85

AMOUNT DUE DIVISION
CONTINGENCY ACCOUNT
MONTANT DÙ AU COMPTE
DIV. D'ÉVENTUALITÉS

\$

14.85

SIGNATURE

SIGNATURE

CLAIMANT
RÉCLAMANT

Given Name-Prénoms

Willem

Initial-Initiale

Surname-Nom de famille

LUCHTMEIJER

Reg/Officer No.
N° mat. de l'officier

30406

CERTIFIED PURSUANT TO SECTION 27 OF THE FIN-
ANCIAL ADMINISTRATION ACT
CERTIFIÉ EN VERTU DE L'ARTICLE 27 DE LA LOI
SUR L'ADMINISTRATION FINANCIÈRE

Reviewed by-Révisé par

Audited by-Vérifié par

CHEQUE NO.
N° DE CHEQUE

DATE

DATE: FEB 28 1988

NAME: Michael J. ...

ADDRESS: DEPT 288

| MON. | TUES | WED. | THURS. | FRI. | SAT. | NO. OF PCS. | INITIAL |
|------|------|------|--------|------|------|-------------|---------|
| | | | | | | 3 | DS |

REPAIRS: None

| | BLU | GRA | BLK | RED | |
|---------|-----|-------|-------|-----|------|
| SUIT | TAN | BRO | GRE | YEL | |
| TRS. | TAN | BRO | GRE | YEL | 4.00 |
| JKT. | TAN | BRO | GRE | YEL | |
| SKT. | TAN | BRO | GRE | YEL | |
| DRS. | TAN | BRO | GRE | YEL | |
| COAT | TAN | BRO | GRE | YEL | |
| UNIFORM | | | | | 8.00 |
| SWEATER | TAN | BRO | GRE | YEL | |
| BLOUSE | | | | | |
| SLACKS | TAN | BRO | GRE | YEL | |
| PARKA | | 1 Pc. | 2 Pc. | | 8.00 |

| LAUNDRY INVOICE NUMBER | | D. C. TOTAL \$ | |
|------------------------|--|----------------|--|
| | | 14.00 | |
| LAUNDRY TOTAL \$ | | | |
| | | | |

| SHIRTS | WHITE | NIL | LT. | M. | HVY. |
|--------|---------|-----|-----|----|------|
| | SPORT | NIL | LT. | M. | HVY. |
| | COLORED | NIL | LT. | M. | HVY. |

SHIRT TOTAL \$

TOTAL

10625
YELLOWKNIFE
LAUNDRY & DRY CLEANERS LTD.
YELLOWKNIFE, N.W.T.

EXPENSE CLAIM
DEMANDE D'INDEMNITÉ

UNIT-SERVICE

Hay River Detachment

| DATE | SUPPLEMENTARY | DETAILS-DÉTAILS | EXPENSES DÉPENSES | DIV. USE ONLY RÉSERVE À LA DIV. |
|-----------|---------------|---|----------------------|---------------------------------------|
| | | Cosmos Satellite Site <u>Recovery Operation - Morning Star</u> | | |
| | | Departed Hay River 4 FEB 78 for Warden's Grove, N.W.T. via CF-MPB. Arrived Warden's Grove at 1:45 PM. Departed Satellite Site, 7 FEB 78 at 3:20 PM for Yellowknife. Arrived Yellowknife at 9:00 PM. Departed Yellowknife at 9:00 AM, 8 FEB 78 via CF-MPP for Hay River. Arrived Hay River at 11:30 AM. Following meals taken at patrol cabin rates | | |
| 04 FEB 78 | | Lunch @ \$2.75 Dinner @ \$5.95 | 2.75 5.95 | 60632 200 |
| 05 FEB 78 | | Breakfast @ \$2.15 Lunch @ \$2.75 Dinner @ \$5.95 | 2.15 2.75 5.95 | |
| 06 FEB 78 | | Breakfast @ \$2.15 Lunch @ \$2.75 Dinner @ \$5.95 | 2.15 2.75 5.95 | |
| 07 FEB 78 | | Breakfast @ \$2.15 Lunch @ \$2.75 | 2.15 2.75 | |

I.E. Pardon previous
1393I certify that these expenses were incurred on
Government business.
Je certifie que les dépenses indiquées ci-dessus
ont été occasionnées par suite d'affaires
gouvernementales autorisées.I certify that these services were performed, that the
prices are reasonable and just, and that travel was
authorized.
Je certifie que les services susmentionnés ont été
rendus, que les prix sont justes et raisonnables, et que
le voyage a été autorisé.

| | | |
|---|----|-------|
| TOTAL EXPENSES TOTAL DES DÉPENSES | \$ | 35.30 |
| LESS TEMPORARY PERSONAL ADVANCE MOINS L'AVANCE PERSONNELLE | \$ | |
| AMOUNT DUE CLAIMANT MONTANT DÙ AU RÉCLAMANT | \$ | 35.30 |
| AMOUNT DUE DIVISION CONTINGENCY ACCOUNT MONTANT DÙ AU COMPTE DIV. D'ÉVENTUALITÉS | \$ | |

CLAIMANT
RÉCLAMANT
A. R. BowdenUNIT COMMANDER
RESPONSABLE DU
SERVICE
A. BowdenCLAIMANT
RÉCLAMANT
Given Name-Prénoms
Andrew
Initial-Initiale
A.
Surname-Nom de famille
Bowden
Reg/Officer No.
N° matr. de l'officier
33844CERTIFIED PURSUANT TO SECTION 27 OF THE FIN-
ANCIAL ADMINISTRATION ACT.
CERTIFIÉ EN VERTU DE L'ARTICLE 27 DE LA LOI
SUR L'ADMINISTRATION FINANCIÈRE
Reviewed by-Révisé par
Audited by-Verifié par
CHEQUE NO.
N° DE CHEQUE
DATE



ROYAL CANADIAN
MOUNTED POLICE

GENDARMERIE ROYALE
DU CANADA

EXPENSE CLAIM
DEMANDE D'INDEMNITÉ

Document disclosed under the Access to Information Act -
Document divulgué en vertu de la Loi sur l'accès à l'information

UNIT-SERVICE

Hay River Detachment

| DATE | SUPPLEMENTARY | DETAILS-DÉTAILS | EXPENSES DÉPENSES | DIV. USE ONLY RÉSERVE À LA DIV. |
|----------|---|-----------------|----------------------|--|
| | Cosmos Satellite Site Recovery Operation - Morning Star | | | |
| | Departed Hay River 4 Feb 78 for Warden's Grove, NWT via CF-MPB. Arrived Warden's Grove at 1:45pm. Departed Satellite Site, 7 Feb 78 at 3:20pm for Yellowknife. Arrived Yellowknife at 9:00pm. Departed Yellowknife at 9:00am, 8 Feb 78 via CF-MPP for Hay River. Arrived Hay River at 11:30am. | | | |
| 4 Feb 78 | Incidental Expenses | | 2.25 | <div>GO 632</div> <div>200</div> <div>-474</div> <div>000302</div> |
| 5 Feb 78 | Incidental Expenses | | 2.25 | |
| 6 Feb 78 | Incidental Expenses | | 2.25 | |
| 7 Feb 78 | Accommodation at Yellowknife Inn, Yellowknife, NWT. Accommodation shared with Cst. MacKENZIE and paid for in full by him. | | | |
| | 1 (D) @ \$8.50 | | 8.50 | |
| | Incidental expenses | | 2.25 | |
| | | | 3.90 | |
| 8 Feb 78 | 1 (B) @ \$3.10 | | 3.10 | |
| | Incidental Expenses | | 3.90 | |
| | Dry cleaning of one Northern Parka, one pair of issue trousers, Receipts #1 and #2 attached. | | 6.75 | |
| 12 b 78 | Re: Dannie PERRITT (77-043-3) Forgery Hay River, NWT - 2 Feb 77 | | | |
| | Dannie PERRITT (77-043-10) False Pretences Hay River, NWT - 29 Mar 77 | | | |
| | Depart Hay River at 3:30pm, arrived at Edmonton International Airport at 4:53pm. PERRITT was returned on a Warrant authorized by the Crown Attorney and was paid for by T.R. #279610. (See attached Commercial Ticket) | | | |
| | 1 (D) @ \$8.50 | | 8.50 | |

ROYAL CANADIAN
MOUNTED POLICEGENDARMERIE ROYALE
DU CANADAEXPENSE CLAIM
DEMANDE D'INDEMNITÉDocument disclosed under the Access to Information Act -
Document divulgué en vertu de la Loi sur l'accès à l'information

COLLATION NO

UNIT-SERVICE

Hay River Detachment

| DATE | SUPPLEMENTARY DETAILS-DÉTAILS | EXPENSES DÉPENSES | DIV. USE ONLY RÉSERVE À LA DIV. |
|-----------|--|--------------------------------------|---------------------------------|
| 12 Feb 78 | Incidental Expenses @ \$2.25 Private Accommodation @ \$9.60 Taxi Fare to Private Accommodation @ \$4.90 | 2.25 9.60 4.90 | 703 |
| 13 Feb 78 | 1 (B) @ \$3.10 1 (L) @ \$3.40 1 (D) @ \$8.50 Incidental Expenses @ \$2.25 Private Accommodation @ \$9.60 | 3.10 3.40 8.50 2.25 9.60 | |
| 14 Feb 78 | Departed Edmonton via PWA at 7:05am. Arrived Hay River at 9:30am. Breakfast served on plane. Incidental Expenses @ \$2.25 Taxi Fare from Private Accommodations @ \$4.90 | 2.25 4.90 | |
| | | | |
| | | | |

I certify that these expenses were incurred on Government business.

Je certifie que les dépenses indiquées ci-dessus ont été occasionnées par suite d'affaires gouvernementales autorisées.

I certify that these services were performed, that the prices are reasonable and just, and that travel was authorized.

Je certifie que les services susmentionnés ont été rendus, que les prix sont justes et raisonnables, et que le voyage a été autorisé.

UNIT COMMANDER
RESPONSABLE DU(A.A. BOWDEN) Cst.
SIGNATURE
(G.G. SVETINBJORNSON) S/Sgt.
SIGNATURETOTAL EXPENSES
TOTAL DES DÉPENSES

\$ 92.15

LESS TEMPORARY
PERSONAL ADVANCE
MOINS L'AVANCE
PERSONNELLE

\$ 92.15

AMOUNT DUE CLAIMANT
MONTANT DÛ
AU RÉCLAMANT

\$ 90.50

AMOUNT DUE DIVISION
CONTINGENCY ACCOUNT
MONTANT DÛ AU COMPTE
DIV. D'ÉVENTUALITÉS

\$

CLAIMANT
RÉCLAMANT

Given Name-Prénoms

Andrew

Initial-Initiale

A.

Surname-Nom de famille

BOWDEN

Reg/Officer No.
N° matr. de l'officier 33844CERTIFIED PURSUANT TO SECTION 27 OF THE FINANCIAL ADMINISTRATION ACT
CERTIFIÉ EN VERTU DE L'ARTICLE 27 DE LA LOI SUR L'ADMINISTRATION FINANCIÈRE

Reviewed by-Révisé par

Audited by-Véifié par

CHEQUE NO.
N° DE CHEQUE

DATE



Government
of Canada

Gouvernement
du Canada

MEMORANDUM

NOTE DE SERVICE

TO
A

D.S.O.

FROM
DE

OIC, Financial Management Branch

SUBJECT
OBJET

ACCOUNTS - "G" Division

REVIEWER

NOV 2 1978

"S" SUB- REG.

| |
|---|
| SECURITY - CLASSIFICATION - DE SÉCURITÉ |
| OUR FILE - N/RÉFÉRENCE G.S. 785-47 ✓ |
| YOUR FILE - V/RÉFÉRENCE |
| DATE 1978-09-20 |

Attached please find copies of twelve overtime claim forms and one account from "G" Division. The batch numbers and date processed are marked on the copies. It is requested that the original of these forms be forwarded to this office as they may be required for a claim the Force is processing. They will be returned to your office in due course.

B.T. Lynch, Officer i/c
Financial Management Branch

3-2922

OK 11/13
25

OVERTIME COMPENSATION CLAIM DEMANDE DE RÉTRIBUTION DU SURTEMPS

Document disclosed under the Access to Information Act /
 Document divulgué en vertu de la Loi sur l'accès à l'information

DISTRIBUTION: 1 & 2 to Div. "H.Q." 3 to S/Div. 4 Office

DIFFUSION: 1 & 2 au g. div. 3 au g. s.-div. 4 au bureau

* CODE: After Duty A Après la journée de travail
 Before Duty B Avant la journée de travail
 Call Back C Rappeler au travail
 Stand By D En disponibilité

| | | | | | | | |
|---------------------------|--|--|--|-----------|--|-----------|--|
| SUBJECT PERIODE DE RELEVÉ | | DATE(S) | | FROM-DE | | TO-À | |
| LAST DERNIÈRE | | 29 Jan 78 | | 8:00 A.M. | | 4:00 P.M. | |
| NEXT PROCHAINE | | 30 Jan 78 | | 8:00 A.M. | | 4:00 P.M. | |
| NO DU DOSSIER | | 356 | | | | | |
| N- TITRE | | MISSION SATELLITE - Security at Airport & Hospital, including D.N.D. with subject exposed to Radiation | | | | | |

| | |
|----------------------------------|------------------------|
| OVERTIME - SURTEMPS | |
| DATE(S) | FROM-DE |
| 29 Jan 78 | 4:00 P.M. |
| | TO-À |
| | 7:30 P.M. |
| HOURS CLAIMED HEURES À RÉTRIBUER | RECOMMENDED RECOMMANDÉ |
| * CODE | OVERTIME SURTEMPS |
| A | 3 1/2 |
| INITIALS-INITIALES | DATE |
| BRK, GP. | 30 Jan 78 |

| | | | | | | | |
|----------------|--|---------|--|---------|--|------|--|
| LAST DERNIÈRE | | DATE(S) | | FROM-DE | | TO-À | |
| NEXT PROCHAINE | | DATE(S) | | FROM-DE | | TO-À | |
| NO DU DOSSIER | | | | | | | |
| N- TITRE | | | | | | | |

| | | | |
|---------|-------------------|------------------------|--|
| DATE(S) | | FROM-DE | |
| | | | |
| | | TO-À | |
| | | | |
| * CODE | OVERTIME SURTEMPS | RECOMMENDED RECOMMANDÉ | |
| | | | |
| | | INITIALS-INITIALES | |
| | | | |
| | | DATE | |
| | | | |

| | | | | | | | |
|----------------|--|---------|--|---------|--|------|--|
| LAST DERNIÈRE | | DATE(S) | | FROM-DE | | TO-À | |
| NEXT PROCHAINE | | DATE(S) | | FROM-DE | | TO-À | |
| NO DU DOSSIER | | | | | | | |
| N- TITRE | | | | | | | |

| | | | |
|---------|-------------------|------------------------|--|
| DATE(S) | | FROM-DE | |
| | | | |
| | | TO-À | |
| | | | |
| * CODE | OVERTIME SURTEMPS | RECOMMENDED RECOMMANDÉ | |
| | | | |
| | | INITIALS-INITIALES | |
| | | | |
| | | DATE | |
| | | | |

END OF LIEU TIME—RELEVÉ DES CONGÉS DE SURTEMPS

| | |
|---|----|
| PREVIOUS BALANCE Total précédent | 15 |
| BALANCE THIS MONTH Heures accumulées au cours du mois | 15 |
| TOTAL | 30 |
| L.T.O. taken Congés pris | 0 |
| BALANCE EXCÉDENT | 30 |

| | |
|--|-------|
| TOTAL THIS PAGE TOTAL DE CETTE PAGE | 3.5 |
| TOTAL FROM PREVIOUS PAGE TOTAL REPORTÉ DE LA PAGE PRÉCÉDENTE | |
| TOTAL | 3 1/2 |

COMPLETE BEYOND HERE ON FINAL PAGE ONLY
 NE REMPLIR LES CASES SUIV. QUE SUR LA DERNIÈRE PAGE

| | |
|------------------------|---------------------------------|
| SIGNATURE DU REQUÉRANT | COLLATOR I.N.S. NO DE COLLATION |
| | G00112 |

ADJUSTMENTS—AJUSTEMENT

| | |
|---|--------------------------|
| OFFICE | LOCATION LIEU |
| CH. HAMILTON DET | YELLOWKNIFE N.W.T. |
| EMPLOYEE NO. NO MATRI. NAME NOM | |
| 6 27943 | L. U. WISHNOWSKI |
| WHILE IN ACTING POSITION, RATE IN EFFECT AT END OF MONTHLY RATE EN CAS DE SUPPLÉANCE, METTRE UN "S" DEVANT "TAUX HORAIRE" | HOURLY RATE TAUX HORAIRE |
| | 4 9.10 |

| | |
|-------------------------------------|------|
| TOTAL | 31.5 |
| BANKED RÉSERVÉ | |
| TOTAL FOR PAYMENT TOTAL À ÉTRE PAIÉ | 31.5 |

TRIBUTION: 1 & 2 to Div. "H.O." 3103

* CODE A Après la journée de travail
B Avant la journée de travail
C Rappel au travail
D En disponibilité

| STAFF PERIODE DE RELÈVE | | | | OVERTIME - SURTEMPS | | | |
|--|----------|-----------|------------|--|-----------|------------|--|
| LAST DERNIÈRE | DATE(S) | FROM-DE | TO-A | DATE(S) | FROM-DE | TO-A | |
| NEXT PROCHAINE | 19-01-78 | 4:00 P.M. | 12:00 M.N. | 20-01-78 | 4:00 P.M. | 12:00 M.N. | |
| <p>73/111</p> <p>Assist Gov't Dep't</p> <p>led Serge Duty</p> | | | | <p>20-01-78</p> <p>2.0</p> <p>21-01-78</p> | | | |
| <p>77-111-10</p> <p>ale Gordon PYSMENNY</p> <p>lt & Run - C.C.C.</p> | | | | <p>26-01-78</p> <p>2.0</p> <p>27-01-78</p> | | | |
| <p>78/386</p> <p>Assistance to Dep't</p> <p>National Defence</p> | | | | <p>30-01-78</p> <p>4.5</p> <p>30-01-78</p> | | | |
| <p>78/386</p> <p>Member req'd for Security Duty</p> <p>during the period when supposed</p> <p>contamination of persons was thought</p> <p>to have taken place. No other</p> <p>available member.</p> | | | | <p>30-01-78</p> <p>4.5</p> <p>30-01-78</p> | | | |

ORD OF LIEU TIME—RELEVÉ DES CONGÈS DE SURTEMPS

| | | | |
|-----|--|------|---|
| 2.5 | Previous Balance Total précédent | 8.5 | TOTAL THIS PAGE TOTAL DE CETTE PAGE |
| 0 | Balance this month Heures accumulées au cours du mois | 11.1 | TOTAL FROM PREVIOUS PAGE TOTAL REPORTÉ DE LA PAGE PRÉCÉDENTE |
| 2.5 | TOTAL | 19.6 | TOTAL |
| 0 | L.T.O. taken Congés pris | | |
| 2.5 | Balance Excédent | | |

| | | | | | |
|---------------------------------|--|---------------------------------|--|--|--|
| SIGNATURE (Signature) REQUÉRANT | | COLLATOR NO. N° DE COLLATION | | ADJUSTMENTS—AJUSTEMENT | |
| DETACHMENT | | LOCATION—LIEU | | TOTAL | |
| REG. NO. NO MATR. NAME—NOM | | HOURS—HEURES | | BANKED RÉSERVE | |
| WHEN IN ACTING POSITION | | HOURLY RATE TAUX HORAIRE | | TOTAL FOR PAYMENT TOTAL À RÉTROUVER | |

**OVERTIME COMPENSATION CLAIM
DEMANDE DE RÉTRIBUTION DU SURTEMPS**

IRIBUTION: 1 & 2 to Div "H.Q." 3 to 5 Div. 4 OPR

DIFFUSION: 1 & 2 au q. div. 3 au q. s. div. 4 au q. s.

* CODE: After Duty A Après la journée de travail
Before Duty B Avant la journée de travail
Call Back C Rappel au travail
Stand By D En disponibilité

| SHIFT PERIODE DE RELEVÉ | | | | OVERTIME — SURTEMPS | | | |
|---|---------|---------|---------|----------------------------------|-------------------|--|--|
| LAST DERNIERE | DATE(S) | FROM-DE | TO-A | DATE(S) | FROM-DE | TO-A | |
| NEXT ROCHAINE | 16-1-78 | 8:30 AM | 5:00 PM | 16-1-78 | 12:40 PM | 1:00 PM | |
| NO DU DOSSIER | | | | HOURS CLAIMED HEURES À RÉTRIBUER | | | |
| TITRE | | | | * CODE | OVERTIME SURTEMPS | RECOMMENDED RECOMMANDÉ | |
| COURT MAC COURT YELLOW KNIFE N.W.T. | | | | A | 1 | INITIALS-INITIALES gmz DATE 17/1/78 | |
| LAST DERNIERE | 16-1-78 | 8:30 AM | 5:00 PM | 16-1-78 | 5:00 PM | 7:30 PM | |
| NEXT ROCHAINE | 17-1-78 | 8:30 AM | 5:00 PM | | | | |
| NO DU DOSSIER | | | | * CODE | OVERTIME SURTEMPS | RECOMMENDED RECOMMANDÉ | |
| TITRE | | | | A | 2.5 | INITIALS-INITIALES gmz DATE 17-1-78 | |
| LAST DERNIERE | 31-1-78 | 8:30 AM | 5:00 PM | 31-1-78 | 6:00 PM | 10:00 PM | |
| NEXT ROCHAINE | 1-2-78 | 8:30 AM | 5:00 PM | | | | |
| NO DU DOSSIER | | | | * CODE | OVERTIME SURTEMPS | RECOMMENDED RECOMMANDÉ | |
| TITRE | | | | C | 4 | INITIALS-INITIALES gmz DATE 1-2-78 | |
| GRADING RADIO-ACTIVE MATERIAL AT AIRPORT IN YELLOWKNIFE, N.W.T. | | | | | | | |
| TO D.N.D. SLOVE LAKE AREA. IT. 24 Jan 78 | | | | | | | |
| LAST DERNIERE | | | | DATE(S) | FROM-DE | TO-A | |
| NEXT ROCHAINE | | | | | | | |
| NO DU DOSSIER | | | | * CODE | OVERTIME SURTEMPS | RECOMMENDED RECOMMANDÉ | |
| TITRE | | | | | | INITIALS-INITIALES | |
| | | | | | | DATE | |

OF LIEU TIME—RELEVÉ DES CONGÉS DE SURTEMPS

| | | |
|--|---|-----------|
| Previous Balance Total précédent | TOTAL THIS PAGE TOTAL DE CETTE PAGE | 7.5 |
| Balance this month Heures accumulées au cours du mois | TOTAL FROM PREVIOUS PAGE TOTAL REPORTÉ DE LA PAGE PRÉCÉDENTE | |
| TOTAL | TOTAL | 7.5 X 1.5 |
| L.T.O. taken Congés pris | COMPLETE BEYOND HERE ON FINAL PAGE ONLY NE REMPLIR LES CASES SUIV. QU'À LA DERNIÈRE PAGE | |
| Balance Excédent | | |

| | | |
|---|----------------------------------|--|
| Signature DU DEMANDANT | COLLATION NO. NO DE COLLATION | ADJUSTMENTS—AJUSTEMENT |
| <i>[Signature]</i> | 60042 | |
| LOCATION LIEU | TOTAL | |
| DET YELLOWKNIFE N.W.T. | 5 11 | |
| REG. NO - NO MATR. NAME - NOM | BANKED RESERVE | |
| ST 15/396 A PHELAN | 11 | |
| WHEN IN ACTING POSITION PLACE "A" IN FRONT OF HOURLY RATE EN CAS DE SUPPLÉANCE, METTRE UN "A" AVANT LE TAUX HOURLIER | HOURLY RATE TAUX HOURLIER | TOTAL FOR PAYMENT TOTAL À RÉTRIBUER |
| | 4 6.39 | 31 |

OVERTIME COMPENSATION CLAIM
DEMANDE DE RETRIBUTION DU SURTEMPS

316 S. Div. 4 Office

DIFFUSION: 107, 199 av. 3000 3000 3000

ODE: After Duty A Après la journée de travail
Before Duty B Avant la journée de travail
Call Back C Rappel au travail
Stand By D En disponibilité

| | |
|---|---------|
| FROM-DE | TO-A |
| 8 12:00 AM | 8:00 AM |
| FROM-DE | TO-A |
| 28 8:00 AM | 4:00 PM |
| Explain why overtime was unavoidable - Dire pourquoi le surtemps est inévitable | |
| Required for Court | |

| OVERTIME - SURTEMPS | | |
|-------------------------------------|---------------------------|--------------------|
| DATE(S) | FROM-DE | TO-A |
| 5 Jan 78 | 10:00 AM | 11:30 PM |
| HOURS CLAIMED HEURES À RETRIBUER | RECOMMENDED RECOMMANDÉ | |
| * CODE | OVERTIME SURTEMPS | INITIALS-INITIALES |
| C | 3 | MW |
| DATE | | |
| 8-1-78 | | |

| | |
|---------------------|---------|
| FROM-DE | TO-A |
| 8:00 AM | 4:00 PM |
| FROM-DE | TO-A |
| 12:00 AM | 8:00 AM |
| Required in Surinam | |

| | | |
|-------------------------------------|---------------------------|--------------------|
| DATE(S) | FROM-DE | TO-A |
| 28 Jan 78 | 10:00 PM | 12:00 AM |
| HOURS CLAIMED HEURES À RETRIBUER | RECOMMENDED RECOMMANDÉ | |
| * CODE | OVERTIME SURTEMPS | INITIALS-INITIALES |
| B | 2 | MS |
| DATE | | |
| 1 FEB 78 | | |

NO DU DOSSIER
TITRE
Asian Satellite
to S.N.G.
Slave Labor
21 Jan 78

| | | | |
|------------------|---------|---------|------|
| LAST DERNIERE | DATE(S) | FROM-DE | TO-A |
| NEXT ROCHAINE | DATE(S) | FROM-DE | TO-A |
| NO DU DOSSIER | | | |
| TITRE | | | |
| LAST DERNIERE | DATE(S) | FROM-DE | TO-A |
| EXT CHAINE | DATE(S) | FROM-DE | TO-A |
| NO DU DOSSIER | | | |
| TITRE | | | |

| | | |
|---------|----------------------|---------------------------|
| DATE(S) | FROM-DE | TO-A |
| | | |
| * CODE | OVERTIME SURTEMPS | RECOMMENDED RECOMMANDÉ |
| | | INITIALS-INITIALES |
| DATE | | |
| DATE(S) | FROM-DE | TO-A |
| | | |
| * CODE | OVERTIME SURTEMPS | RECOMMENDED RECOMMANDÉ |
| | | INITIALS-INITIALES |
| DATE | | |

OF LIEU TIME—RELEVÉ DES CONGÉS DE SURTEMPS

| | |
|--|--|
| Previous Balance Total précédent | |
| Balance this month Heures accumulées au cours du mois | |
| TOTAL | |
| L.T.O. taken Congés pris | |
| Balance Excédent | |

| | |
|---|--------|
| TOTAL THIS PAGE TOTAL DE CETTE PAGE | 5 |
| TOTAL FROM PREVIOUS PAGE TOTAL REPORTÉ DE LA PAGE PRÉCÉDENTE | — |
| TOTAL | 5 X1.5 |

COMPLETE BEYOND HERE ON FINAL PAGE ONLY
NE REMPLIR LES CASES SUIV. QUE SUR LA DERNIÈRE PAGE

| | | |
|---|--|--------------------------------------|
| SIGNATURE DU REQUÉRANT J. J. R. DRISDELLE | COLLATOR NO. N° DE COLLABORATION 60942 | ADJUSTMENTS—AJUSTEMENT |
| LOCATION—LIEU LOUVAINE N.W.T. | REG. NO.—NOM 295602 | |
| WHEN IN ACTING POSITION PLACE "A" IN FRONT OF HOURLY RATE EN CAS DE SUPPLÉANCE, METTRE UN "A" DEVANT "TAUX ROCHAINE" | | HOURLY RATE TAUX ROCHAINE 9.10 |

| | |
|--|---|
| TOTAL | 5 |
| BANKED RÉSERVÉ | |
| TOTAL FOR PAYMENT TOTAL À RETRIBUER | 5 |

Original damaged

INVENTION CONCERNANT LA MISE EN ŒUVRE D'UN
DELAIS DE DISTRIBUTION DU SURTEMPS

PAGE 1 OF 4

ORIGINATOR: U.S. AIR FORCE, AFMPC, DIR, 4 OFFICE

DIFFUSION: 1.32 g/g day, 5.70 g/g day, 0.50 g/g day

| | | | |
|----------|-------------|---|-----------------------------|
| * CODE : | After Duty | A | Après la journée de travail |
| | Before Duty | B | Avant la journée de travail |
| | Call Back | C | Rappel au travail |
| | Stand By | D | En disponibilité |

| SHIFT REPORT DE DÉLÉGUÉ | | | Stand By D En disponibilité | | OVERTIME - SURTEMPS | | |
|------------------------------------|-----------|---------|--|-----------|-------------------------------------|---------------------------|--|
| LAST DERNIÈRE | DATE(S) | FROM-DE | TO-A | DATE(S) | HOURS CLAIMED HEURES À RÉTRIBUER | RECOMMENDED RECOMMANDÉ | |
| NEXT PROCHAINE | 06 FEB 78 | 12 MH | 8.00 am | 03 FEB 78 | | | |
| N-TITRE | | | Explain why overtime was unavoidable - Dire pourquoi le surtemps était inévitable | | * CODE | OVERTIME SURTEMPS | |
| ACTION Housing light at D.N.D. | | | Required for guard duty on Operation Housing light at Satellite # 2 on R.T.O. | | C✓8 | INITIALS-INITIALES | |
| OS FEBRUARY 1978. | | | | | | | |
| R TELEX VKADH 31/21 | | | | | | | |
| NEXT PROCHAINE | 06 FEB 78 | 12 MH | 8.00 am | 04 FEB 78 | | | |
| N-TITRE | | | | | * CODE | OVERTIME SURTEMPS | |
| OPTION AS ABOVE. | | | See Claim # 1 | | C✓8 | INITIALS-INITIALES | |
| | | | | | | | |
| NEXT PROCHAINE | 06 FEB 78 | 12 MH | 8.00 am | 05 FEB 78 | | | |
| N-TITRE | | | | | * CODE | OVERTIME SURTEMPS | |
| OPTION AS ABOVE. | | | See Claim # 1 | | C✓8 | INITIALS-INITIALES | |
| | | | | | | | |
| NEXT PROCHAINE | 11 FEB 78 | 8.00 am | 4.00 pm | 10 FEB 78 | | | |
| N-TITRE | | | | | * CODE | OVERTIME SURTEMPS | |
| ACTION Housing light assist D.N.D. | | | Required for guard duties at Snowdrift site of radioactive hps. Req to establish base camp after her duties. | | A✓5 | INITIALS-INITIALES | |
| -13 FEB 78. | | | | | | | |

RD OF LIEU TIME--RELEVÉ DES CONGÉS DE SURTEMPS

| | | |
|---|--|----|
| Previous Balance <i>Total précédent</i> | TOTAL DE CETTE PAGE | 20 |
| Balance this month <i>Heures accumulées au cours du mois</i> | TOTAL FROM PREVIOUS PAGE <i>TOTAL REPORTÉ DE LA PAGE PRÉCÉDENTE</i> | 0 |
| TOTAL | TOTAL | 20 |

COMPLETE BEYOND HERE ON FINAL PAGE ONLY
NE REMPLIR LES CASES S'IL Y A QUE SUR LA DERNIÈRE PAGE

EST AVOIR LIEU DE RECUPERANT

COLLATOR NO
17 OF COLLATION

ADJUSTMENTS-AJU

| | |
|---------------|---------------|
| 1970 | LOCATION: RED |
| DECEMBER 1970 | YELLOW KNIFE |

| | | |
|------|--------------------|---------------|
| NAME | REG. NO. - NO MATR | NAME - NOM |
| ST | 30426 | HOCHTMEIER, W |

WHEN IN ACTING POSITION PLACE "S" IN FRONT OF HOUSE / RATE
EN CAS DE SUPPLÉANCE, METTRE UN "S" DEVANT "TAUX CHÈQUE"

HOURLY RATE
TAX HORAIRE
4 9.19

Original damaged

000310

OVERTIME COMPENSATION CLAIM
DEMANDE DE RÉTRIBUTION DU SURTEMPS

PAGE 2 OF 2

DIVISION 1 & 2 to Div. "H.O." 3 to 54 Div. 4 Office

DIVISION 1 & 2 to Div. 3 to 54 Div. 4 Office

CODE: After Duty A Après la journée de travail
Before Duty B Avant la journée de travail
Call Back C Rappel au travail
Stand By D En disponibilité

| | | | |
|-------------------------------|------------------------------|-------------------|----------------|
| SHIFT PÉRIODE DE RELÈVE | DATE(S) LAST DERNIÈRE | FROM-DE 8.00am | TO-A 4.00pm |
| | DATE(S) NEXT PROCHAINE | FROM-DE 8.00am | TO-A 4.00pm |

NO DU DOSSIER 427/78
N-TITRE Radiation cleaning light
Required to assist U.S.
and Can scientists locate
and recover radioactive
particles from vicinity of Souda

| | | | |
|-------------------|----------------------|-------------------|---------------------|
| LAST DERNIÈRE | DATE(S) 12 FEB 78 | FROM-DE 8.00am | TO-A 4.00pm |
| NEXT PROCHAINE | DATE(S) 15 FEB 78 | FROM-DE 4.00pm | TO-A 12 midnight |

NO DU DOSSIER 427/78
N-TITRE OH AS ABOVE
Required to assist
cleanup on R.T.O. at
Snowdrift site

| | | | |
|-------------------|----------------------|-------------------|---------------------|
| LAST DERNIÈRE | DATE(S) 15 FEB 78 | FROM-DE 4.00pm | TO-A 12 midnight |
| NEXT PROCHAINE | DATE(S) 17 Feb 78 | FROM-DE 4.00pm | TO-A 12 midnight |

NO DU DOSSIER 711/78
N-TITRE Wm HOCKRIDGE
361 CC over 08
Required for Breath Test
as operator joint prior
FEB 78 Yellowknife HWT to end of shift.

| | | | |
|-------------------|----------------------|-------------------|---------------------|
| LAST DERNIÈRE | DATE(S) 16 Feb 78 | FROM-DE 4.00pm | TO-A 12 midnight |
| NEXT PROCHAINE | DATE(S) 17 Feb 78 | FROM-DE 4.00pm | TO-A 12 midnight |

NO DU DOSSIER
N-TITRE Frank SMITH
6 CC over 08
Required for Breathalyzer
over time as operator of HWT
not returned home from
previous claim #7.

| | | |
|-------------------------------------|---------------------------|----------------|
| DATE(S) 11 FEB 78 | FROM-DE 4.00pm | TO-A 9.00pm |
| HOURS CLAIMED HEURES À RÉTRIBUER | RECOMMENDED RECOMMANDÉ | |

CODE A
OVERTIME
SURTEMPS 15
INITIALS-INITIALES S/Sgt
DATE 15/2/78

| | | |
|----------------------|----------------------|---------------------------|
| DATE(S) 13 Feb 78 | FROM-DE 8.00am | TO-A 4.00pm |
| CODE | OVERTIME SURTEMPS | RECOMMENDED RECOMMANDÉ |

CODE C
OVERTIME
SURTEMPS 8
INITIALS-INITIALES S/Sgt
DATE 15/2/78

| | | |
|----------------------|------------------------|---------------------------|
| DATE(S) 17 FEB 78 | FROM-DE 12 midnight | TO-A 1.00am |
| CODE | OVERTIME SURTEMPS | RECOMMENDED RECOMMANDÉ |

CODE A
OVERTIME
SURTEMPS 1
INITIALS-INITIALES MRE
DATE 17/2/78

| | | |
|----------------------|----------------------|---------------------------|
| DATE(S) 17 Feb 78 | FROM-DE 1.00am | TO-A 3.00am |
| CODE | OVERTIME SURTEMPS | RECOMMENDED RECOMMANDÉ |

CODE A
OVERTIME
SURTEMPS 2
INITIALS-INITIALES MRE
DATE 17/2/78

RD OF LIEU TIME—RELEVÉ DES CONGÉS DE SURTEMPS

| | |
|--|----|
| Previous Balance Total précédent | 0 |
| Balance this month Heures accumulées au cours du mois | 16 |
| TOTAL | 16 |
| L.T.O. taken Congés pris | 0 |
| Balance Existant | 16 |

| | |
|---|----|
| TOTAL THIS PAGE TOTAL DE CETTE PAGE | 16 |
| TOTAL FROM PREVIOUS PAGE TOTAL REPORTÉ DE LA PAGE PRÉCÉDENTE | 29 |
| TOTAL | 45 |

COMPLETE THIS PAGE ONLY
NE REMPLIR LES CASES SUR LA DERNIÈRE PAGE

| | |
|-----------------------------------|-------|
| COLLATOR NO. N° DE COLLOCATION | 60042 |
|-----------------------------------|-------|

ADJUSTMENTS—AJUSTEMENT

| | |
|--|------------------|
| LOCATION-LIEU | Yellowknife, HWT |
| NAME-NOM | W. HOCKRIDGE |
| WHEN IN ACTING POSITION EN CAS DE SUPPLÉANCE, METTRE UN "S" DEVANT "TAUX HORAIRE" | 4 9.10 |

| | |
|--|------|
| TOTAL | 67.5 |
| BANKED RÉSERVE | 16.0 |
| TOTAL FOR PAYMENT TOTAL À RÉTRIBUER | 51.5 |

000311

OVERTIME COMPENSATION CLAIM
DEMANDE DE RETRIBUTION DU SURTEMPS

PAGE 1

30

RECEIVED: 15 JAN 78 11:00 AM

DIFFUSION: 15 JAN 78 11:00 AM

CODE: After Duty A Après la journée de travail
Before Duty B Avant la journée de travail
Call Back C Rappel au travail
Stand By D En disponibilité

| | | | |
|--------------------------|-----------|---------|---------|
| START PERIODE DE SERVICE | DATE(S) | FROM-DE | TO-A |
| LAST DERNIERE | 24 JAN 78 | 8:30 AM | 4:30 PM |
| NEXT PROCHAINE | 25 JAN 78 | 7:00 AM | 3:00 PM |

| | |
|---------------------------------|-------------------|
| OVERTIME - SURTEMPS | |
| DATE(S) | FROM-DE |
| 24 JAN 78 | 5:00 PM |
| TO-A | |
| 9:30 PM | |
| HOURS CLAIMED HEURES À RÉCLAMER | |
| * CODE | OVERTIME SURTEMPS |
| A | 4.5 |
| RECOMMENDED RECOMMANDÉ | |
| DATE | |
| 27-1-78 | |

YK - Cambridge Bay
Spence Bay - Cambridge Bay

To complete flight.

| | | | |
|----------------|---------|---------|------|
| LAST DERNIERE | DATE(S) | FROM-DE | TO-A |
| 25 JAN 78 | 7:00 AM | 3:00 PM | |
| NEXT PROCHAINE | DATE(S) | FROM-DE | TO-A |
| 26 JAN 78 | 8:30 AM | 4:30 PM | |

| | |
|------------------------|-------------------|
| OVERTIME - SURTEMPS | |
| DATE(S) | FROM-DE |
| 25 JAN 78 | 3:30 PM |
| TO-A | |
| 12 MN. | |
| * CODE | OVERTIME SURTEMPS |
| A | 8.5 |
| RECOMMENDED RECOMMANDÉ | |
| DATE | |
| 1-2-78 | |

CF - MPB

To complete flight. Cambridge Bay - Gjoa Haven - Cambridge Bay
Yellowknife - Sudden Death AT GJOA HAVEN.

| | | | |
|----------------|---------|----------|------|
| LAST DERNIERE | DATE(S) | FROM-DE | TO-A |
| 29 JAN 78 | 4:30 PM | 11:30 PM | |
| NEXT PROCHAINE | DATE(S) | FROM-DE | TO-A |
| 1 FEB 78 | 8:30 AM | 4:30 PM | |

| | |
|------------------------|-------------------|
| OVERTIME - SURTEMPS | |
| DATE(S) | FROM-DE |
| 30 JAN 78 | 8:30 AM |
| TO-A | |
| 4:30 PM | |
| * CODE | OVERTIME SURTEMPS |
| C | 8.0 |
| RECOMMENDED RECOMMANDÉ | |
| DATE | |
| 1-2-78 | |

FT - YK - Snowdrift -
FT Reliance - Snowdrift - YK.

Call back required as both aircraft tasked this date. Air Det under strength.
Pukinuk & Satellite

| | | | |
|----------------|---------|----------|------|
| LAST DERNIERE | DATE(S) | FROM-DE | TO-A |
| 29 JAN 78 | 4:30 PM | 11:30 PM | |
| NEXT PROCHAINE | DATE(S) | FROM-DE | TO-A |
| 1 FEB 78 | 8:30 AM | 4:30 PM | |

| | |
|------------------------|-------------------|
| OVERTIME - SURTEMPS | |
| DATE(S) | FROM-DE |
| 31 JAN 78 | 8:30 AM |
| TO-A | |
| 7:30 PM | |
| * CODE | OVERTIME SURTEMPS |
| E | 11.0 |
| RECOMMENDED RECOMMANDÉ | |
| DATE | |
| 1-2-78 | |

FT - YK - Snowdrift -
Warden's Grove - YK.

Call back required as both aircraft tasked this date. Air Det. under strength

RECORD OF LIEU TIME - RELEVÉ DES CONGÉS DE SURTEMPS

| |
|---|
| Previous Balance Total précédent |
| Balance this month Heures accumulées au cours du mois |
| TOTAL |
| L.T.O. (13-en Congés pris |
| Balance Excédent |

| | |
|--|------|
| TOTAL THIS PAGE TOTAL DE CETTE PAGE | 32.0 |
| TOTAL FROM PREVIOUS PAGE TOTAL REPORTÉ DE LA PAGE PRÉCÉDENTE | |

TOTAL 32.0 X1.5

COMPLÉTEMENT DÉFINI EN UN SEUL PAYS
NO REMPLIR CASI POUR LA COTE D'IVOIRE

48.0

CLAIMANT - Demandeur

COLLATION NO. NO DE COLLATION

ADJUSTMENTS - AJUSTEMENT

UNIT SERVICE Yellowknife Air Det LOCATION-LIEU Yellowknife P.N.W.T.

NAME - NOM Cpl. 1730306 William D. REID

TOTAL 48.0

BANKED RÉSERVE 48.0

VERIFICATION PAR LE BUREAU D'ÉTAT-MAJOR À L'ÉCHELON DE L'HEURE
L'ÉTAT-MAJOR D'ÉTAT-MAJOR À L'ÉCHELON DE L'HEURE

DATE 19-8-88

TOTAL FOR PAYMENT TOTAL À RÉTIBUER

000312

TIME COMPENSATION CLAIM
DEMANDÉ DE RÉTRIBUTION DU SURTEMPS

PAGE 1

Day A Après la journée de travail
Night Duty B Avant la journée de travail
Call Back C Rappel au travail
Stand By D En disponibilité

| OVERTIME - SURTEMPS | | | |
|---------------------|----------|---------|---------------------------|
| DATE(S) | FROM-DE | TO-A | RECOMMENDED RECOMMANDÉ |
| 4 FEB 78 | 8:30 AM | 4:30 PM | 9 AM 5 PM |
| 5 FEB 78 | 8:30 AM | 4:30 PM | 10 AM 2:30 PM |
| 7 FEB 78 | 8:30 AM | 4:30 PM | 5:00 PM 11:00 PM |
| 14 FEB 78 | 11:00 AM | 7:00 PM | 7:30 PM 10 MN. |

Call back to transport members in & out of Satellite II.

Call back to transport members out of Satellite I.

Byron Bay - Cambridge
Pelly Bay - Cambridge
To complete flight.

Rankin Inlet - Whale
Esquimaux Pt. - Rankin
Churchill - Churchill
To complete flight.

OF LIEU TIME - RELEVÉ DES CONGÈS DE SURTEMPS

| | | |
|--|---|------|
| Previous Balance Total précédent | TOTAL THIS PAGE TOTAL DE CETTE PAGE | 28.0 |
| Balance this month Heures accumulées au cours du mois | TOTAL FROM PREVIOUS PAGE TOTAL REPORTÉ DE LA PAGE PRÉCÉDENTE | |
| TOTAL | TOTAL | 34.5 |
| L.T.O. taken Congés pris | | |
| Balance Excédent | | |

ADJUSTMENTS - AJUSTEMENT

Collator No
N° de collateur

G0590.

LOCATION - LIEU

Howkarfe Air Det. Yellowknife, N.W.T.

William D. REID.

30303

Hourly Rate
Taux horaire

9.88

TOTAL FOR PAYMENT
TOTAL À RÉTRIBUER

34.5

34.5

000313

OVERTIME COMPENSATION CLAIM
 DEMANDE DE RÉTRIBUTION DU SURTEMPS

ADDITIONAL: 1: 2 to Div. "H O"; 3 to S. Div; 4 Office

DISPOSITION 15.2. *Let \mathcal{C} be a 3-coalgebra and \mathcal{D} a 3-algebra. Then*

| | | | |
|--------|-------------|---|-----------------------------|
| • CODE | After Duty | A | Après la journée de travail |
| | Before Duty | B | Avant la journée de travail |
| | Call Back | C | Rappel au travail |
| | Stand By | D | en disponibilité |

| PERIODE DE RELEVÉ | | DATE(S) | | FROM-DE | | TO-A | | OVERTIME - SURTEMPS | |
|----------------------|-----------|---------|---------|---|----------|---------|---------|-------------------------------------|---------------------------|
| LAST DERNIÈRE | 3-Feb-78 | 5:15 AM | 4:30 PM | DATE(S) | 14-2-78 | 8:30 AM | 5:00 PM | HOURS CLAIMED HEURES À RÉFRIQUER | RECOMMENDED RECOMMANDÉ |
| NEXT PROCHAINE | 6-Feb-78 | 8:15 AM | 4:30 PM | * CODE | C | 8 | 0 | INITIALS - INITIALES | DATE |
| ION - TITRE | | | | TO COMPLETE FLT YELLOWKNIFE - HAY RIVER - WARDEN'S GROVE - SATELITE II - YELLOWKNIFE | | | | DATE | |
| ION - TITRE | | | | TO COMPLETE FLT YELLOWKNIFE - FT-RESOLUTION - YELLOWKNIFE - FT-RESOLUTION - HAY RIVER - YELLOWKNIFE | | | | DATE | |
| LAST DERNIÈRE | 9-Feb-78 | 7:30 AM | 3:30 PM | DATE(S) | 9-Feb-78 | 4:00 PM | 7:30 PM | HOURS CLAIMED HEURES À RÉFRIQUER | RECOMMENDED RECOMMANDÉ |
| NEXT PROCHAINE | 10-Feb-78 | 8:30 AM | 4:30 PM | * CODE | A | 3 | 5 | INITIALS - INITIALES | DATE |
| ION - TITRE | | | | TO COMPLETE FLT YELLOWKNIFE - FT-SIMPSON - LITTLE DOCTOR LK - CL LK - NAHANNI BUTTE - BIRCH LK - FT-SIMPSON - JEAN MARIE RIVER - FT-SIMPSON | | | | DATE | |
| LAST DERNIÈRE | 13-Feb-78 | 8:15 AM | 4:15 PM | DATE(S) | 13-2-78 | 4:15 PM | 8:30 PM | HOURS CLAIMED HEURES À RÉFRIQUER | RECOMMENDED RECOMMANDÉ |
| NEXT PROCHAINE | 14-Feb-78 | 8:00 AM | 4:00 PM | * CODE | A | 4 | 0 | INITIALS - INITIALES | DATE |
| ION - TITRE | | | | TO COMPLETE FLT YELLOWKNIFE - FT-SIMPSON - LITTLE DOCTOR LK - CL LK - NAHANNI BUTTE - BIRCH LK - FT-SIMPSON - JEAN MARIE RIVER - FT-SIMPSON | | | | DATE | |
| LAST DERNIÈRE | 24-2-78 | 8:15 AM | 4:30 PM | DATE(S) | 24-2-78 | 5:00 PM | 7:00 PM | HOURS CLAIMED HEURES À RÉFRIQUER | RECOMMENDED RECOMMANDÉ |
| NEXT PROCHAINE | 27-2-78 | 8:15 AM | 4:30 PM | * CODE | A | 2 | 0 | INITIALS - INITIALES | DATE |
| ION - TITRE | | | | TO COMPLETE FLT - YELLOWKNIFE - FT-FRANKLIN - TERRA - FT-PAULINA - FT-FRANKLIN - YELLOWKNIFE | | | | DATE | |

ORDRE DE LIEU TIME—RELEVÉ DES CONGÉS DE SURTEMPS

| | | | |
|---|---|---|-----------|
| 15 - M. | Previous Balance Total précédent | TOTAL DE CETTE PAGE | 17.5 |
| | Balance this month Montres accumulées au cours du mois | TOTAL FROM PREVIOUS PAGE TOTAL REPORTÉ DE LA PAGE PRÉCÉDENTE | — |
| | TOTAL | TOTAL | 17.5 X1.5 |
| | L.T.O. taken Congés pris | <div style="border: 1px solid black; padding: 5px;"> <p>CONFIRMATION OF RECEIPT OF PAYMENT CONFIRME REÇU DE LA PÉRIODE EN FINALE PAGE ONLY NE REVENIR PAS À L'ÉTAT-GENÉRAL, C'EST LA LUMIÈRE PAGE CONFIRMATION DE REÇU DE LA PÉRIODE EN FINALE PAGE ONLY</p> </div> | |
| | Balance Écarter | | |
| <div style="border: 1px solid black; padding: 5px;"> <p>ADJUSTER</p> <p>ADJUSTMENT REQUIRED</p> <p>COLLATOR NO. N° DE COLLATION</p> <p>G0592</p> </div> | | ADJUSTMENTS—AJUSTEMENT | |
| <div style="border: 1px solid black; padding: 5px;"> <p>YELLOWKNIFE A1</p> <p>YELLOWKNIFE HUNT</p> <p>ALAN L. SABEY</p> </div> | | <div style="border: 1px solid black; padding: 5px;"> <p>TOTAL</p> <p>26.0</p> </div> | |
| <div style="border: 1px solid black; padding: 5px;"> <p>BANKED</p> <p>RÉSERVE</p> </div> | | <div style="border: 1px solid black; padding: 5px;"> <p>TOTAL FOR PAYMENT</p> <p>TOTAL À RÉTRIBUER</p> </div> | |
| <div style="border: 1px solid black; padding: 5px;"> <p>11.50</p> </div> | | <div style="border: 1px solid black; padding: 5px;"> <p>26.0</p> </div> | |

STATEMENT OF COMPENSATION CLAIM
DEMANDE DE RETRIBUTION DU SURTEMPS

OFFICE: 13 CHENIERE, TEL. 316-4000

REFUSION: 1822, 77-11-2 au 9 p. 3, dit 14 20 00

CODE: After Duty A Après la journée de travail
Before Duty B Avant la journée de travail
Call Back C Rappel au travail
Stand By D En disponibilité

| OVERTIME -- SURTEMPS | | | |
|--|---------|---------|---------|
| DATE(S) | FROM-DE | TO-A | DATE(S) |
| 10-1-78 | 8:15 AM | 4:30 PM | 10-1-78 |
| 11-1-78 | 8:15 AM | 4:30 PM | 11-1-78 |
| MPB TO RTN TO HANGAR RE: UNSERVICEABILITIES ON MPB FRONT TRIP RTN'D 6 PM TRIPS BOOKED AM 11-1-78 | | | |
| 12-1-78 | 8:15 AM | 4:30 PM | 12-1-78 |
| 13-1-78 | 8:15 AM | 4:30 PM | 13-1-78 |
| MPB REPAIR BOOST PUMPS IN PREPARATION FOR FLT 13-1-78 | | | |
| 31-1-78 | 8:15 AM | 4:30 PM | 31-1-78 |
| 1-2-78 | 8:15 AM | 4:30 PM | 1-2-78 |
| MPB ASSIST ON FLT. TO WARDENS CRIME SATELITE SITE AS CREW | | | |
| TOTAL THIS PAGE 7.5 | | | |
| TOTAL FROM PREVIOUS PAGE | | | |
| TOTAL REPORTÉ DE LA PAGE PRÉCÉDENTE | | | |
| TOTAL 7.5 X1.5 | | | |
| 11.0 | | | |

| LIEU TIME -- RELEVÉ DES CONGÉS DE SURTEMPS | | TOTAL THIS PAGE | |
|--|--|--------------------------|--|
| TOTAL DE CETTE PAGE | | TOTAL FROM PREVIOUS PAGE | |
| TOTAL REPORTÉ DE LA PAGE PRÉCÉDENTE | | TOTAL 7.5 X1.5 | |
| TOTAL 11.0 | | TOTAL 7.5 X1.5 | |
| TOTAL 11.0 | | TOTAL 7.5 X1.5 | |
| Previous Balance Total précédent | | TOTAL 7.5 X1.5 | |
| Balance this month Heures accumulées au cours du mois | | TOTAL 7.5 X1.5 | |
| TOTAL | | TOTAL 7.5 X1.5 | |
| L.T.O. taken Congés pris | | TOTAL 7.5 X1.5 | |
| Balance Excédent | | TOTAL 7.5 X1.5 | |

ADJUSTMENTS -- AJUSTEMENT

COLLATOR NO
NO DE COLLATION

60592

YELLOWKNIFE AIR

YELLOWKNIFE NWT

1-1935

JAMES L. ECCLESTON

8.09

TOTAL

BANKED

RÉSERVE

TOTAL FOR PAYMENT

TOTAL À RÉTRIBUER

PAGE 12 OF 12

DIFFUSION: 1 & 2 au q.q. div; 3 au q.q. s.-div.; 4 au b... - 7

- CODE: After Duty A *Après la journée de travail*
- Before Duty B *Avant la journée de travail*
- Call Back C *Rappel au travail*
- Stand By D *En disponibilité*

| SHIFT PERIODE DE RELÈVE | | | | Stand By D En disponibilité | | OVERTIME - SURTEMPS | | | |
|---|--|--|--|--|--|---------------------------------------|--|----------------------------------|--|
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| NEXT PROCHAINE | | 6 FEB 78 | | 10 AM | | 6 PM | | 6 PM | |
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| ON-TITRE | | | | | | | | INITIALS-INITIALES | |
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INDUSTRIAL
ELECTRONICS
LTD.

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ADDRESS

BING 5-000
YELLOWKNIFE N.W.T.

| YOUR ORDER NO. | | REQUISITION NO. | FEDERAL SALES TAX NO. | | TERMS - NET 10% OF MONTH FOLLOWING SERVICE CHARGE OF 15% ON OVERDUE ACCOUNTS | | |
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CERTIFIED WORK PERFORMED OR MATERIALS SUPPLIED OR SERVICES RENDERED AND THAT THE PRICE CHARGED IS ACCORDING TO CONTRACT, OR, IF NOT SPECIFIED BY CONTRACT, IS REASONABLE.

11:75 ea.
replacement valve

Feb 27-6-77 Less 12% 105.75

DETAIL: Above batteries were sent out to Fort Reliance, N.W.T. with our Members in the S.S.B. radio. Members were not made aware that these were re-chargeable batteries and disposed of same when they could no longer be utilized. Batteries required to be replaced and the present cost of same is \$11.75 each (Total - \$105.75).

INVOICE COPY

(J.A. Armstrong) S/Sgt.
i/c Yellowknife Det.

G23



Government of Canada
Gouvernement du Canada

ACTION FICHE DE
REQUEST SERVICE

307

To - À

OIC FIN. Mgmt Arw

File No. - Dossier N°

G 5-785-47

Date

78-09-22

From - De

OIC Legal Branch

☐ Please call
Prière d'appeler

Tel. No. - N° de tél.

Ext. - Poste

☐ Returned your call
Vous a rappelé

☐ Will call again
Vous rappellera

☐ Wants to see you
Désire vous voir

Date

Time - Heure

Message received by
Message reçu par

☐ Action
Donner suite

☐ Approval
Approbation

☐ Note & return
Noter & retourner

☐ Comments
Commentaires

☐ Draft reply
Projet de réponse

☐ Note & forward
Noter et faire suivre

☐ As requested
Comme demandé

☐ Signature

☐ Note & file
Noter et classer

for your information and
PA please

[Signature]

C6SB FORM 12E

7540-21-868-3907

FORMULE 12E DE L'ONGC



Department of Justice Ministère
of Justice de la Justice

Ottawa, Canada
K1A 0H8

103
REVIEWED

NOV 2 1978

"S" SUB-REG.

September 6, 1978

209528
Re: Cosmos 954 Satellite:
Claim against U.S.S.R.
Your File: GS-785-47

Dear Mr. Boivin:

Thank you for your letter dated August 30,
1978 enclosing the Affidavit.

I have reviewed the material and I find it
in order.

Yours truly,

Michael A. Kelen
Civil Litigation Section

Royal Canadian Mounted Police
Headquarters
1200 Alta Vista Drive, Rm G-207
Ottawa, Ontario
K1A 0R2

Attention: Supt. F. Boivin
Officer I/C
Legal Branch

FIN. MGMT. BRANCH
(Gestion financière)

SEP 20 1978

"S" DIRECTORATE
DIRECTION "S"

GS-785-47

leg 7
PA K.
000320

11/11/78
11/13

FLA-930

GS-785-47

cc: Sgt. Kenneth J. MacDonald
Legal Branch
RCMP Headquarters
Room G-20
1200 Alta Vista Drive
OTTAWA K1A 0R2

103
REVIEWER

CONFIDENTIAL

NOV 2 1978

OTTAWA, K1A 0G2

September 25, 1978

"S" SUB- REG.

Dear Inspector Chiaret,

RE: COSMOS SATELLITE CLAIM

The chairman of the interdepartmental group of legal advisers preparing recommendations on the claim against the USSR in respect of the Cosmos 954 satellite incident last January has informed me that the group has completed its work on the preliminary legal aspects of the claim.

Accordingly, I am convening a meeting of the Interdepartmental Committee on Cosmos 954 to be held on Friday, September 29, 1978 at 9:30 a.m. in the Operations Centre Conference Room, 8th floor, Tower A, in the Pearson Building. The purpose of the meeting will be to review and approve the conclusions reached and the recommendations and course of action proposed by the group of legal advisers. As you have been designated by the Solicitor General to represent the Ministry and the RCMP on this Committee, I wish to invite you and your advisers to attend the September 29 meeting.

-- I attach copies of the material submitted by the group of legal advisers comprising

Inspector D. Chiaret
Acting Officer in Charge
Federal Policing Branch
R.C.M.P.
1200 Alta Vista Drive
Room H-214
OTTAWA K1A 0R2

.../2

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- 2 -

- a draft memorandum to Ministers;
- a draft schedule of costs; and
- legal studies in Annexes "A", "B" and "C".

For further information, please contact Mr. G.R. Sheppy (2-2486) in the Legal Advisory Division of this Department.

Yours sincerely,

ORIGINAL SIGNED BY

A. E. GOTLIEB

A SIGNÉ L'ORIGINAL

A.E. Gotlieb

Chairman

AEG (via FLP)

CONFIDENTIEL

20 sept. 1978

Groupe interministériel de conseillers
juridiques - COSMOS 954

FLA-940

Réclamation contre l'URSS -
COSMOS 954

FLO

GEA

GNG

DFR

Le but de ce mémoire est de vous présenter, en votre qualité de président du Comité interministériel chargé de préparer la réclamation envers l'URSS, le résultat des études poursuivies par le Groupe interministériel ad hoc de conseillers juridiques sur les fondements juridiques de la réclamation canadienne contre l'URSS pour la chute du satellite COSMOS 954. A la suite de multiples réunions de consultations et de rédaction échelonnées entre février et août 1978, le Groupe s'est mis d'accord sur des conclusions qui sont maintenant contenues dans un projet de mémoire destiné aux ministres concernés et que vous trouverez ci-joint.

2. A ce projet de mémoire sont attachées trois études détaillées portant sur les questions considérées fondamentales par le Groupe ad hoc, soit:

- a) les bases juridiques de la réclamation envers l'URSS,
- b) les coûts pouvant être incorporés à la réclamation et
- c) le sort réservé aux dépenses encourues par les Etats-Unis.

Enfin, le projet de mémoire destiné aux ministres met de l'avant quelques suggestions sur la marche à suivre dans l'avenir immédiat concernant la réclamation envers l'URSS.

.../2

- 2 -

CONFIDENTIEL

3. L'approbation par le Comité placé sous votre présidence des textes ci-joint et des recommandations qu'ils contiennent sera requise et, pour ce faire, nous suggérons que vous convoquiez une première réunion du Comité le 29 septembre prochain, à 9:30 a.m., à la salle de conférence, Centre d'Opérations, du Ministère. Une trentaine de personnes pourraient participer à cette réunion. Suite à cette réunion, et avec l'accord du Comité, le mémoire et ses annexes pourraient être envoyés aux ministres concernés, accompagnés d'une lettre de présentation signée par vous-même à titre de président du Comité.

4. Le Groupe ad hoc considère que l'ampleur de la publicité devant entourer la présentation de la réclamation à la URSS devrait être un des sujets discutés au sein du Comité. Le Groupe suggère pour sa part que la déclaration qui sera faite à l'occasion de cette présentation et qui pourra faire l'objet d'un communiqué officiel du SEAE, se limite à certaines considérations générales sans entrer dans les détails techniques. Ainsi la déclaration pourrait faire état des bases juridiques et du montant de la réclamation, constituant ainsi une prise de position officielle.

5. En ce qui concerne la préparation et la rédaction du document contenant la réclamation canadienne, le Groupe ad hoc suggère que les services juridiques du ministère des Affaires extérieures et du ministère de la Justice soient chargés de cette tâche par le Comité. Le ministère de la Justice serait chargé plus spécialement de réunir les affidavits et les preuves d'autre nature qui seront nécessaires pour étayer les documents pertinents devant être annexés à la réclamation.

6. En bref,

- a) Le Comité interministériel sera invité à se réunir le 29 septembre pour considérer les recommandations destinées aux ministres, tel que contenues dans le projet de mémoire et ses annexes ci-joints. Si le Comité l'accepte, le projet de mémoire sera transmis aux Ministres concernés sous couvert d'une lettre signée par vous en qualité de président du Comité.

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- 3 -

CONFIDENTIEL

- b) Le Comité sera invité lors de cette réunion à se pencher aussi sur la question de la publicité devant entourer la présentation de la réclamation.
- c) Le Comité, lors de la même réunion, sera invité à confier aux services juridiques du ministère des Affaires extérieures et celui de la Justice la préparation formelle de la réclamation.

-- Si vous êtes d'accord, je vous propose de signer les lettres ci-jointes adressées aux membres du Comité pour les inviter à se réunir.

Le Président du Groupe interministériel
des conseillers juridiques-COSMOS 954

J. Demers

W.H. Montgomery

D R A F T

CONFIDENTIAL

MEMORANDUM TO: MINISTERS

FROM: CHAIRMAN, INTERDEPARTMENTAL COMMITTEE
ON COSMOS 954

SUBJECT: COSMOS 954 - CLAIM AGAINST THE USSR

Introduction

The purpose of this memorandum is to place before you the recommendations of the Interdepartmental Committee having responsibility for the preparation of the claim against the USSR in connection with the COSMOS 954 incident. The recommendations are based on the conclusions of legal advisers of the departments concerned, and are directed to obtaining your approval of the course of action to be followed in submitting the claim to the Soviet Union.

2. Fragments from the nuclear-powered COSMOS 954 satellite entered Canada on January 24, 1978. The search for the radioactive debris of COSMOS 954 began almost immediately. During the operations, substantial assistance was rendered by USA authorities. The work of search, recovery, removal, testing and clean-up has given rise to costs incurred by the Atomic Energy Control Board and the Departments of National Defence, Energy, Mines and Resources, Health and Welfare and the Solicitor General. Costs incurred up to April 20, 1978, the date on which lead responsibility in the operations shifted from DND to AECB, and excluding USA costs, amount to approximately \$12,000,000 total of which some \$4,600,000 are incremental costs: i.e. costs that would not have been incurred had the COSMOS 954 incident not taken place. (USA costs are approximately \$3,000,000 and \$2,000,000 respectively.) Costs have also been incurred since April 20, 1978, and will continue to be incurred until the search for radioactive

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- 2 -

CONFIDENTIAL

elements of COSMOS 954 is terminated. As a result of these operations, many radioactive fragments were recovered including two fragments which, if not recovered, could have caused serious injury to any person coming into contact with them at any time during the next several years. There is also the question of compensation for damage to persons and property that may be identified. To date, however, no such damage has been identified although the claim will reserve the right to claim for such damage in future.

3. Canada informed the USSR on February 28, 1978, that a claim for damages, including search and recovery costs, would be submitted as a result of the presence on Canadian territory of hazardous component parts of the satellite COSMOS 954.

Issues

4. There are three principal issues which Ministers are requested to address on the basis of information and advice set forth below:

(A) legal basis of Canada's claim; (B) costs eligible for inclusion in the claim and (C) disposition of USA costs.

(A) Legal basis of Canada's claim¹

5. The Interdepartmental Group of Legal advisers considers that sufficient proof exists to establish that the satellite debris collected during the operations comes from the Soviet satellite COSMOS 954. On review of the relevant legal aspects, legal advisers consider that a claim by Canada for compensation should be based primarily on the absolute liability provision of the 1972 Convention on International Liability for Damage Caused by Space Objects, to which both Canada and the USSR are parties, supported as necessary by general principles of international law. This Convention is directed specifically to liability for damage, as defined therein, and the provision of a full and equitable measure of compensation for such damage.

.../3

1. See Annex A for a more detailed presentation.

6. The advantages of the Convention are that the launching state is absolutely liable without proof of fault and that the Convention provides for: (a) determination of the amount of compensation, (b) negotiations with a view to settlement of the claim, and (c) if necessary, the establishment of a Claims Commission to consider the claim and render a final and recommendatory award. The major disadvantage of the Convention is that it may be argued that damage under the Convention, on a narrow interpretation, is restricted to physical damage, the relevant text of the Convention being as follows:

"... loss of life, personal injury or other impairment of health; or loss of or damage to property of States or persons..." (Article I(a))

7. For Canada's claim to succeed under the Convention, the term "damage" in Article I(a) must receive a broad interpretation to encompass the situation where the presence of hazardous radioactive COSMOS 954 debris on Canadian territory not only caused immediate damage by nuclear contamination rendering Canadian property unusable, but also created such a clear and immediate apprehension of damage to persons and property as to justify the incurring of substantial costs involved in the search, recovery, removal, testing and clean-up of the fragments of the satellite. This would be in accordance with the duty of Canada, like any other plaintiff, to mitigate the damages as defined. In fact, the results of the operations have shown that radioactive satellite fragments, some of them of a lethal character, were found on Canadian property and rendered that property unusable. The USSR, on the other hand, will probably contend that the mere presence of the fragments did not cause "damage" within the meaning of the Convention. It is by no means certain, therefore, that Canada's claim will prevail.

8. A second basis of Canada's claim is to be found in the general principles of international law concerning state responsibility.

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Here, however, the argument that, irrespective of the 1972 Convention, strict liability should apply to activities that are abnormally dangerous may be difficult to establish in the absence of any precedent.

9. A third basis is that the intrusion of COSMOS 954 constitutes a breach of Canadian sovereignty. In the circumstances of the claim, compensation for such a breach would likely be nominal.

(B) Costs eligible for inclusion in the claim²

10. The Interdepartmental Group of Legal Advisers has considered the question of proceeding on the basis of including total costs or only incremental costs. The Group has concluded that under both the Convention and general principles of international law, Canada is able to include in the claim only such costs of search, recovery, removal, testing and clean-up of COSMOS 954 debris as are consistent with the principle of restitutio in integrum, namely, costs which would not have been incurred except for the COSMOS 954 satellite incident. These costs are in general known as incremental costs and may be included provided they are reasonable, proximately caused by the incident and capable of being calculated with a reasonable degree of certainty.

(C) Disposition of USA costs³

11. The offer of assistance by the USA was not made contingent upon reimbursement, nor conditioned upon incorporation of the USA costs in any Canadian claim against the USSR. Thus, there is no legal obligation on Canada to reimburse the USA for costs incurred by the latter and therefore no legal basis exists for Canada to advance a claim on behalf of the USA. Nevertheless, policy considerations

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2. See Schedule hereto for a summary of costs incurred and Annex B for a more detailed discussion of the basis for claiming costs.

3. See Annex C for a more detailed presentation.

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(such as preserving the appearance of equity and equality in our relations with the USA) may dictate that, ultimately, a portion of any costs recovered from the USSR be distributed to the USA on an ex gratia basis. This would be for consideration when the outcome of the claim is known.

Conclusions

12. In the light of the foregoing and on the basis of the legal studies set forth in Annexes A, B and C hereto, the following conclusions may be drawn with respect to the claim:

- (A) There is a legal basis for a Canadian claim for compensation against the USSR, the validity of which, however, can be expected to be challenged on the interpretation to be given to the meaning of "damage" under the 1972 Convention and on the applicability of general principles of international law;
- (B) There are limitations on the costs of search, recovery, removal, testing and clean-up that may be included in the claim and the best legal view is that only incremental costs may be included;
- (C) There is no legal basis for including USA costs in the claim, although ultimately there may be policy grounds for distributing to the USA on an ex gratia basis, a portion of the proceeds of a successful claim.

Recommendations

13. It is recommended that Canada proceed with a claim against the Soviet Union:

.../6

- (A) on the basis of the absolute liability provision of the 1972 Convention on International Liability for Damage Caused by Space Objects, supported as necessary by general principles of international law;
- (B) on the basis of the recovery of incremental costs; and
- (C) excluding USA costs.

Course of Action

14. The course of action to be followed would include:

- (A) the submission of a formal claim to the Soviet Union, covering insofar as costs are concerned Phase I of the operations. Canada has one year from January 24, 1978, the date of the incident, to submit the claim under the terms of the 1972 Convention. The claim would be submitted, however, as soon as preparations are completed and would be followed by a supplementary claim covering the incremental costs of Phase II of the operations. The claim would reserve the right to claim for damage which, given the nature of nuclear radiation, may become evident only at a later date.
- (B) negotiations with the Soviet Union on the substance of the claim for a period of up to one year, with the objective of reaching a settlement between Canada and the Soviet Union on the claim. The terms of the settlement would be submitted to Ministers for approval.

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CONFIDENTIAL

(C) in the event of failure to achieve a bilateral settlement within one year, Canada would be in a position to request the establishment of a Claims Commission under the terms of the 1972 Convention. It is envisaged that Ministers would wish to review the Canadian position prior to the making of the request to establish a Claims Commission, and would wish to take decisions on matters such as the naming of the Canadian member, the selection of the neutral or third member, the nature of the Canadian submission to the Commission and the costs and other requirements for Canada of a lengthy international arbitration before a Claims Commission.

15. Do you agree with:

- (A) the recommendations on the COSMOS 954 claim; and
- (B) the course of action proposed?

A.E.G.
Chairman,
Interdepartmental Committee
on COSMOS 954

SCHEDULECOSTS BY DEPARTMENT1. STATEMENT OF TOTAL AND INCREMENTAL COSTS
(January 24 - April 20, 1978)

| <u>Department or Agency</u> | <u>Total Costs</u> | <u>Incremental Costs</u> |
|--|--------------------|--------------------------|
| DND | | |
| a) Personnel Costs (military and civilian) | 2,195,129.00 | 581,645.00 |
| b) Aircraft Costs | 7,375,917.00 | 2,216,253.00 |
| c) Fees paid to non DND agencies | 201,626.00 | 201,626.00 |
| d) Material Costs | 545,214.00 | 490,192.00 |
| e) Transportation of personnel and Rental of Facilities | 41,120.00 | 20,303.00 |
| f) Miscellaneous Costs | 33,770.00 | 33,770.00 |
| g) Cost of DND Administration | 1,039,278.00 | 354,379.00 |
| Total: | 11,432,054.00 | 3,898,168.00 |
| HEALTH AND WELFARE | 22,384.00 | 12,372.00 |
| R.C.M.P. | 14,532.85 | 10,632.91 |
| E.M.R. | 297,386.68 | 256,079.02 |
| A.E.C.B. | 380,246.97 | 380,246.97 |
| TOTAL: | 12,146,595.41 | 4,557,563.06 |

✓ correct as
amended -
my name
78-08-30
Kew

The above figures are subject to revision
by the departments and agencies concerned

A N N E X A

CONFIDENTIAL

COSMOS 954 SATELLITE - CLAIM AGAINST THE USSR

Legal Basis of Canada's Claim: Nature of Damage

1. In this study there is an examination of the question whether such damage has been caused in Canada by COSMOS 954 as could give rise to a claim for compensation by Canada against the USSR. Here, it is seen that Canada's claim against the USSR for compensation in respect of the intrusion of the nuclear-powered COSMOS 954 satellite into Canada and its break-up in Canada in January 1978, rests primarily, but not exclusively, on the Convention on International Liability for Damage Caused by Space Objects, 1972 (the 1972 Liability Convention) and other instruments pertaining to outer space. Although the 1972 Liability Convention is directly relevant to the claim, it is not exhaustive of the applicable rules of international law. In this regard, it is observed that the mere entry of the satellite into Canada was a breach of Canadian sovereignty and, therefore, constituted an international wrong.
2. The obvious heads of damage that normally fall for consideration in a case like the present one are wrongful death or personal injury, or loss of or damage to property. However, due to the hazardous and deleterious nature of the nuclear material on board the satellite and the disintegration of the satellite over a wide area, substantial costs have been incurred in searching for, recovering, removing, testing and cleaning up debris from the satellite. For that reason, in the discussion below, emphasis is placed on ascertaining the legal basis for claiming such costs, whether under the 1972 Liability Convention or otherwise.
3. Article II of the 1972 Liability Convention provides that the launching state "shall be absolutely liable to pay compensation for damage caused by its space object on the surface of the earth...".

Article I(a) of the 1972 Liability Convention defines "damage" as meaning "loss of life, personal injury or other impairment of health; or loss of or damage to property of States or of persons, natural or juridical, or property of international intergovernmental organizations". As the definition of damage does not contain qualifications, it can be interpreted to include nuclear damage. This is confirmed by positions taken during negotiations that led to the preparation of the Convention. Therefore, a reading of Articles II and I(a) together indicates that the USSR, as the launching state, is absolutely liable to pay compensation to Canada for damage, including nuclear damage, caused by debris from the COSMOS 954 satellite.

4. The intrusion of a nuclear-powered satellite into Canada and its disintegration therein gave rise to a clear and immediate apprehension of the likelihood of damage, including nuclear damage, to persons and property. Hence, Canadian authorities were under a duty to take immediate steps for the search, recovery, removal, testing and clean-up of the fragments from the satellite. This duty was one that had to be carried out pursuant to domestic law for the protection of Canada. It was also necessary for Canada, under international law, to mitigate damages¹ which would be claimed against the owner of the satellite, namely, the USSR. As a result of the steps taken by Canada it has been found that discrete fragments of the satellite and pieces of the outer structure of the nuclear reactor on board the satellite, comprising twisted metal, pipe fragments, rods and the like, caused physical damage by rendering Canadian property unusable. In addition, there existed a clear and immediate apprehension of the likelihood of more serious kinds of damage due to the presence of a nuclear reactor on board the COSMOS 954 satellite. In particular, it has been confirmed, on the basis of radioactive contamination from a highly radioactive

.../3

1. United States v. Nicaragua, 1900 For. Rel. 824, at 826-833; Portugo-German Arbitration (1928-30) U.N. Rep., Vol. II, 1011

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CONFIDENTIAL

piece of debris located on the McLeod Bay ice surface and from small, dust-like particles found on Canadian property, that the residue of the disintegrated nuclear reactor core, has entered the fragile ecology of northern Canada thereby causing radiation damage. In short, the steps taken by Canada disclosed the presence of radioactive satellite debris, some of which was of a lethal character, on Canadian property, which rendered that property unusable. There is also the risk of additional radiation damage in the future as the contamination spreads further into the human and natural environment. In this regard, it will be important to leave the door open to the possibility of making future claims in respect of damage to persons and property.

5. The above-mentioned operations were made more complicated because the USSR failed in its duty under international law by not giving, in timely fashion or with sufficient detail, information adequate to allay Canadian apprehensions of damage from the satellite which had been reported to contain, and did contain, material of a hazardous or deleterious nature. The costs of these operations were substantial whether considered in their totality or on an incremental basis.

6. Canada's claim against the USSR may also be founded on international instruments other than the 1972 Liability Convention and on general principles of international law. Briefly, pursuant to Article VII of the Treaty on Principles Governing the Activities of States in the Exploration and Use of Outer Space, including the Moon and Other Celestial Bodies (1967), or the principles of international law, the USSR is liable for damage caused by COSMOS 954 or its component parts to Canada or Canada's natural or juridical persons. It can be argued that it is "a general principle of law recognized by civilized nations" (see Article 38 of the Statute of the International Court of Justice) that in the case of activities that

.../4

- 4 -

CONFIDENTIAL

are abnormally dangerous, for example, outer space activities involving the use of nuclear-powered satellites, the operator of such an activity is strictly liable for damage caused thereby. In this regard it is noted that the USSR was, at all material times, pursuant to the second sentence of Article VIII of the 1967 Treaty, the owner of the COSMOS 954 Satellite or the component parts thereof which returned to Earth in Canada and as such cannot avoid liability with respect to damage caused by COSMOS 954 or its component parts by purporting to renounce ownership thereof.

7. It remains to consider the question of the violation of Canada's sovereignty by the intrusion of the COSMOS 954 satellite. The intrusion of the satellite constitutes an international wrong per se and it is not necessary, in order for Canada to claim compensation, to prove that the intrusion caused damage to persons or property. The act of intrusion itself (analogous to an act of trespass in domestic law) gives rise to compensation. A nominal amount may be claimed under this head.

A N N E X B

CONFIDENTIAL

COSMOS 954 SATELLITE - CLAIM AGAINST THE USSR

Costs eligible for inclusion in the Claim

1. This study focuses on the question of the extent to which Canada can include costs of search, recovery, removal, testing and clean-up in its claim against the USSR. This question must be determined in the light of the principle of restitutio in integrum which is reflected in Article XII of the 1972 Liability Convention and the statement of the Permanent Court of International Justice in the Chorzow Factory Case (1928)*. Article XII of the Convention thus provides that the compensation

"shall be determined in accordance with international law and the principles of justice and equity, in order to provide such reparation in respect of the damage as will restore... the person... /or/ State... to the condition which would have existed if the damage had not occurred."

Similarly, if the USSR is liable to pay compensation to Canada, the measure of such compensation is established by the Chorzow Factory case in which the Permanent Court of International Justice reflected the principle of restitutio in integrum in the following statement:

"The essential principle contained in the actual notion of an illegal act - a principle which seems to be established by international practice and in particular by the decisions of international tribunals - is that reparation must, as far as possible, wipe out all the consequences of the illegal act and reestablish the situation which would, in all probability, have existed if that act had not been committed."

.../2

* P.C.I.J., Ser. A, No. 17 (1928).

2. It has already been seen in Annex A that there is a legal argument for a Canadian claim for the costs of operations of search, recovery, removal, testing and clean-up. Here, it is recalled that Canada observed its duty in law, both domestic and international, to mitigate the damage which had been occasioned and which it apprehended could be caused by the nuclear-powered satellite, and incurred substantial costs in carrying out the related operations.

3. The USSR may argue that even if Article XII of the 1972 Liability Convention embodies the principle of restitutio in integrum, the costs of search, recovery, removal, testing and clean-up are not properly recoverable under Article XII. In this regard, the Canadian reply would be that it is within the letter and spirit of Article XII, as well as within the recognized principles of international law, that a claimant state may recover all costs that have been incurred by it due to the intrusion of the satellite. Because of the hazardous and deleterious material on board the satellite and the apprehension that there could have been wide-spread radiation damage, it was necessary for Canada to undertake the costly operations that were undertaken. Some highly radioactive material was found and the operations carried out obviated a need for placing a large area of Canada off limits or under restricted use, steps which could have given rise to unknown damages.

4. The best legal view is that, in the application of the principle of restitutio in integrum, costs for inclusion in the claim are limited to incremental costs, i.e., those which would not have been incurred except for the COSMOS 954 satellite incident. Hence, the claim cannot include costs which would have been incurred in any event regardless of the COSMOS 954 incident. Incremental costs, however, may be considered to include tangible, quantifiable losses caused by the diversion of resources from normal tasks to duties related to the COSMOS 954 satellite incident, even though the costs thereby incurred would in any event have been expended in relation to the normal duties.

5. At all events, in order to be eligible for inclusion in the claim, Canada's costs must be reasonable in all the circumstances, proximately caused by the act and capable of being calculated with a reasonable degree of certainty. Costs that a reasonable person would consider were incurred unnecessarily cannot be considered as items in respect of which it would be proper to expect reimbursement from the USSR, eg. any testing costs which were incurred for purposes other than determining the degree of hazard presented. In addition, there must be a clear, unbroken connection between the COSMOS 954 satellite incident and the damage in respect of which the costs have been incurred. (See Parker, J. in the Lusitania Cases (U.S. v. Germany), Mixed Claims Commission.¹ Moreover, damages are not recoverable for losses that are uncertain, speculative or contingent. (Rudloff Case (U.S. v. Venezuela), Venezuela Arbitrations of 1903).² However, Canada can reserve the right to claim in future for presently unidentified damage.

6. The search, recovery, removal, testing and clean-up operations undertaken by Canada in respect of the COSMOS 954 satellite incident, however, are related to its duties under Article VI of the 1972 Liability Convention and to its duties under international and domestic law to mitigate the damage resulting from the unusual risks of danger from radioactive debris of the COSMOS 954 satellite. The costs incurred in these operations are, therefore, recoverable pursuant to the concept of restitutio in integrum. They are not merely costs of investigation incurred for the purpose of pursuing the claim; if they were such, they would be ineligible for inclusion in the claim; Trail Smelter Case (U.S. v. Canada).³

1. U.N. Rep., Vol. VII, p. 32 (1923).

2. U.N. Rep., Vol. IX, p. 244 (1903).

3. U.N. Rep., Vol. III, p. 1905 (1941).

A N N E X C

CONFIDENTIAL

COSMOS 954 SATELLITE - CLAIM AGAINST THE USSR

Disposition of United States Costs

1. Within hours after the reentry of the COSMOS 954 satellite into Canadian territory on January 24, 1978, the United States offered Canada assistance in the search and recovery of debris from the satellite. Thereafter, in March 1978, United States officials indicated that the offer had not been contingent upon reimbursement of expenses incurred by the United States nor conditioned upon incorporation of these expenses in any claim which might be made by Canada against the USSR. The United States also indicated that it was within the discretion of Canada whether or not to include costs related to American assistance in Canada's claim. The matter was discussed in exploratory talks between Canadian and United States officials in May 1978.

2. If Canada is to include USA costs in its claim, it can only do so with legal justification if it has a legal obligation to pay such costs. International law requires that for an issue to be justiciable, there must be an actual controversy involving a conflict of legal interest between the parties¹. But careful and sympathetic examination of the question has led to the conclusion that, as no legal obligation exists for Canada to reimburse the USA, there is no conflict of legal interest between Canada and the USSR with respect to USA costs and thus no basis for including those costs in the claim.

.../2

1. "The function of the Court is to state the law, but it may pronounce judgment only in connection with concrete cases where there exists at the time of the adjudication an actual controversy involving a conflict of legal interest between the parties". Northern Cameroons Case, 1963 I.C.J. Reports, p. 15.

- 2 -

CONFIDENTIAL

3. In judging whether there was a contract of any kind between Canada and the USA creating an obligation to pay, it is essential to examine the actual intention of the parties at the time the services were rendered. The intention at the relevant times in this case was that the USA was a volunteer which rendered its services gratuitously. In these circumstances, no contract, express or implied, existed and, accordingly, no claim for services rendered or work done can be made. In addition, the contractual concept of bargain involving an exchange of consideration is absent, for a moral obligation to pay USA costs would not be sufficient consideration to support an actual promise by Canada to pay such costs.

4. The facts of the case do not give rise to the possibility of an implied contract or a quasi-contract. Moreover, although the concept of unjust enrichment, which presupposes that a benefit has been transferred from one party to another might, at first glance, seem to be applicable to the case, it is inapplicable as between the USA and Canada and, in any event, could not provide a legal basis for a claim against a third party, the USSR.

5. Further, one who voluntarily incurs expenses by performing work or services which are "necessary" to another cannot recover the costs in the absence of legal authority to incur them.

6. It cannot be successfully argued that Canada could claim against the USSR as the agent or mandatory of the USA since neither agency nor mandate existed and in any event an agent's or a mandatory's claim is no stronger than that of the principal or mandator. The USA suffered no "damage" and, accordingly, has no claim which Canada could present on its behalf.

.../3

- 3 -

CONFIDENTIAL

7. In view of the foregoing, it is concluded that there is no legal basis on which Canada could include the USA costs in its claim against the USSR. It may be appropriate, however, to consider, as a matter of policy, the distribution to the USA, on an ex gratia basis, of a portion of any proceeds ultimately received in the settlement or other disposition of the claim.

CJ-785-77 (sec)

532



Department of Justice / Ministère de la Justice

Ottawa, Canada
K1A 0H8

103

October 2, 1978

FIN. BRANCH
General In. Section

RECEIVED

NOV 2 1978

"S" SUB-REG.

209528

Re: Soviet Cosmos Satellite
Claim against U.S.S.R.

OCT 6 1978

"S" DIRECTORATE
DIRECTION "S"

Gentlemen:

The Interdepartmental Committee on September 29th, 1978 decided that the Claim and documentation in this matter will be submitted to the Soviet Union in November, 1978.

The position paper with respect to the "Costs eligible for inclusion in the claim" states in paragraph 4:

"Incremental costs, however, may be considered to include tangible, quantifiable losses caused by the diversion of resources from normal tasks to duties related to the COSMOS 954 Satellite incident, even though the costs thereby incurred would in any event have been expended in relation to the normal duties."

I enclose a copy of my letter to you dated July 21, 1978 where I request information of any tangible losses which could be claimed as incremental costs to your Department. At the Interdepartmental Committee Meeting on September 29th it was stressed that these tangible losses must be very clear and certain, and that the departments should not be attempting to recover the value of its' employees services for all projects which have been delayed.

Therefore would you please advise whether your Department has incurred such tangible, quantifiable losses caused by the diversion of its employees from their normal tasks.

Yours truly,

Michael A. Kelen

Encl.

Michael A. Kelen
Civil Litigation Section

Jhp SEAKINS
59512

11/11/78
11/13

000344

333

- 2 -

Mr. Raymond Roger
Legal Adviser
Atomic Energy
Control Board
7th Floor
270 Albert Street
Ottawa, Ontario
K1P 5S9

Office of the Judge
Advocate General
National Defence
Headquarters, Rm 201
Ottawa, Ontario
K1A 0K2

Attention: LCOL Brian Murphy,
D Law/Claims

(Your File 1136-USSR D Law/C)

Mr. Brahm Levin
Director
Budget Preparation and
Control Branch
Department of Fisheries and
Environment
7th Floor, Fontaine Bldg.
Hull, Quebec

Mr. G. Artichuk
Administrative Officer
Resource Geophysics &
Geochemistry Division
Energy, Mines and Resources
Canada
Science and Technology
Geological Survey of Canada
601 Booth Street, Room 568
Ottawa, Ontario
K1A 0E8

Mr. John F.D. MacIsaac
Director
Legal Services
Atomic Energy Control Board
270 Albert Street, 7th Floor
Ottawa, Ontario
K1P 5S9

Mr. Ron E. Williams
Director
Legal Services
Department of Energy Mines
and Resources
Room 2015 "B", 580 Booth St.
Ottawa, Ontario
K1A 0E4

The Commissioner
Royal Canadian Mounted Police
Room 620, Pickering Bldg.
250 Tremblay Road
Ottawa, Ontario

Attention: Mr. B.T. Lynch ✓
Officer I/C
Financial
Management Br.

(Your File GS785-47)

Royal Canadian Mounted Police
Headquarters
1200 Alta Vista Drive, Rm G-207
Ottawa, Ontario
K1A 0R2

Attention: Supt. F. Boivin
Officer I/C
Legal Branch

Mr. Saul Tunis
Legal Adviser
Legal Services
Department of National
Health and Welfare, Rm 346
343 Jeanne Mance Bldg.
Tunney's Pasture
Ottawa, Ontario
K1A 0K9

(Your file 4240-8)

334

- 3 -

cc: Mr. F.J.E. Jordan
Director
Constitutional, Administrative and
International Law Section (Rm 625)
Department of Justice

Dr. Gerald F. FitzGerald
Constitutional, Administrative and
International Law Section
Department of Justice (Rm 624)

Mr. W.H. Montgomery
Director
Legal Advisory Division
Department of External Affairs
4th floor, Room 140
125 Sussex Drive, Tower "A"
Ottawa, Ontario
K1A 0G2

Mr. Dan Dailey
Department of Justice
(Rm 616)

July 21, 1978

209528

Re: Soviet Cosmos Satellite
Claim against U.S.S.R.

Gentlemen:

As you are aware we anticipate an argument that the only costs eligible to be included in our claim are those which would not have been incurred except for the Cosmos 954 Satellite incident, and such costs have been called "incremental costs". Therefore many of the total costs, such as salary expenditures, will not be eligible for inclusion in the claim.

However there is an argument that some of the non-incremental costs may be properly included as incremental costs when it can be demonstrated that Canada has incurred a loss as a result of the diversion of her resources or personnel from their normal assignments to Operation Morning Light.

You are requested to provide any information of any tangible losses which have resulted as a result of the diversion of your department's personnel or resources from normal activity to Operation Morning Light. Examples of such tangible losses would be the diversion of flying hours from a map-making project to Operation Morning Light or the contracting of another person from outside the department to do the normal function carried out by the person diverted to Operation Morning Light.

It is hoped that this information can be available for submission to the ministers during the week of August 14, 1978.

Yours truly,

M. A. KELEN

Michael A. Kelen
Civil Litigation Section

Mr. Raymond Roger
Legal Adviser
Atomic Energy
Control Board
7th Floor
270 Albert Street
Ottawa, Ontario
K1P 5S9

Office of the Judge
Advocate General
National Defence
Headquarters, Rm 201
Ottawa, Ontario
K1A 0K2

Attention: LCOL Brian Murphy,
D Law/Claims

(Your File 1136-USSR D Law/C)

Mr. Brahm Levin
Director
Budget Preparation and
Control Branch
Department of Fisheries and
Environment
7th Floor, Fontaine Bldg.
Hull, Quebec

Mr. G. Artichuk
Administrative Officer
Resource Geophysics &
Geochemistry Division
Energy, Mines and Resources
Canada
Science and Technology
Geological Survey of Canada
601 Booth Street, Room 568
Ottawa, Ontario
K1A 0E8

Mr. Ron E. Williams
Director
Legal Services
Department of Energy Mines
and Resources
Room 2015 "B", 580 Booth St.
Ottawa, Ontario
K1A 0E4

The Commissioner
Royal Canadian Mounted Police
Room 620, Pickering Bldg.
250 Tremblay Road
Ottawa, Ontario

Attention: Mr. B.T. Lynch
Officer I/C
Financial
Management Br.

(Your File GS785-47)

Royal Canadian Mounted Police
Headquarters
1200 Alta Vista Drive, Rm G-207
Ottawa, Ontario
K1A 0R2

Attention: Supt. F. Boivin
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Legal Branch

Mr. Saul Tunis
Legal Adviser
Legal Services
Department of National
Health and Welfare, Rm 346
343 Jeanne Mance Bldg.
Tunney's Pasture
Ottawa, Ontario
K1A 0K9

(Your file 4240-8)

354



Government
of Canada

Gouvernement
du Canada

MEMORANDUM

NOTE DE SERVICE

TO
A

Officer i/c Financial Management Branch

FROM
DE

Officer i/c Legal Branch

SUBJECT
OBJET


Soviet Cosmos Satellite
Claim against the U.S.S.R.

| |
|---|
| SECURITY - CLASSIFICATION - DE SÉCURITÉ |
| OUR FILE - N/RÉFÉRENCE |
| YOUR FILE - V/RÉFÉRENCE GS-785-47 (secret) |
| DATE 78-10-05 |

I am enclosing self-explanatory correspondence from Mr. Kelen dated 78-10-02.

As you are aware, Sgt. MacDonald of my staff attended the meeting of Interdepartmental Legal Advisers on 78-08-04 and at that time he confirmed our costs as being the amounts now set out in the Affidavit submitted to Mr. Kelen on August 30th last.

It would appear that Mr. Kelen still wishes confirmation of whether we have incurred other tangible quantifiable losses caused by the diversion of our employees from their normal tasks. Since Sgt. Cooper of your staff has been coordinating Force costs in this matter, I feel an appropriate reply should properly be made to Mr. Kelen from your office. In that Insp. Jenkins, Security Policy Section, attended the meeting on September 29th I am sure he will be in a position to assist you if further clarification is required.


F. Boivin, Supt.
Officer in Charge,
Legal Branch.

KJM:sm
Encl.

- c.c. - Insp. T.C. Jenkins, Security Policy Section
- Insp. D. Chiarot, Federal Policing Branch

FIN. MGMT. BRANCH
Gestion Financière

OCT 6 1978

"S" DIRECTORATE
DIRECTION "S"

000349



Department of Justice Ministère
of Justice de la Justice

Ottawa, Canada
K1A 0H8

October 2, 1978

209528

Re: Soviet Cosmos Satellite
Claim against U.S.S.R.

Gentlemen:

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Therefore would you please advise whether your Department has incurred such tangible, quantifiable losses caused by the diversion of its employees from their normal tasks.

Yours truly,

Michael A. Kelen

RECEIVED

Encl.

Michael A. Kelen
Civil Litigation Section

*sh
4/10/78*

*Insp Lefroumoullt
151 403-873-5866*

000350

LEGAL BRANCH

OCT 4 1978

SOUS-DIRECTIO. JJ
CONTENTIEUX.

- 2 -

Mr. Raymond Roger
Legal Adviser
Atomic Energy
Control Board
7th Floor
270 Albert Street
Ottawa, Ontario
K1P 5S9

Office of the Judge
Advocate General
National Defence
Headquarters, Rm 201
Ottawa, Ontario
K1A OK2

Attention: LCOL Brian Murphy,
D Law/Claims

(Your File 1136-USSR D Law/C)

Mr. Brahm Levin
Director
Budget Preparation and
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Attention: Mr. B.T. Lynch
Officer I/C
Financial
Management Br.

(Your File GS785-47)

Royal Canadian Mounted Police
Headquarters
1200 Alta Vista Drive, Rm G-207
Ottawa, Ontario
K1A OR2

Attention: Supt. F. Boivin ✓
Officer I/C
Legal Branch

Mr. Saul Tunis
Legal Adviser
Legal Services
Department of National
Health and Welfare, Rm 346
343 Jeanne Mance Bldg.
Tunney's Pasture
Ottawa, Ontario
K1A OK9

(Your file 4240-8)

- 3 -

cc: Mr. F.J.E. Jordan
Director
Constitutional, Administrative and
International Law Section (Rm 625)
Department of Justice

Dr. Gerald F. FitzGerald
Constitutional, Administrative and
International Law Section
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4th floor, Room 140
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K1A 0G2

Mr. Dan Dailey
Department of Justice
(Rm 616)

July 21, 1978

209528

Re: Soviet Cosmos Satellite
Claim against U.S.S.R.

Gentlemen:

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You are requested to provide any information of any tangible losses which have resulted as a result of the diversion of your department's personnel or resources from normal activity to Operation Morning Light. Examples of such tangible losses would be the diversion of flying hours from a map-making project to Operation Morning Light or the contracting of another person from outside the department to do the normal function carried out by the person diverted to Operation Morning Light.

It is hoped that this information can be available for submission to the ministers during the week of August 14, 1978.

Yours truly,

M. A. KELEN

Michael A. Kelen
Civil Litigation Section

342

Mr. Raymond Roger
Legal Adviser
Atomic Energy
Control Board
7th Floor
270 Albert Street
Ottawa, Ontario
K1P 5S9

Office of the Judge
Advocate General
National Defence
Headquarters, Rm 201
Ottawa, Ontario
K1A 0K2

Attention: LCOL Brian Murphy,
D Law/Claims

(Your File 1136-USSR D Law/C)

Mr. Brahm Levin
Director
Budget Preparation and
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Department of Fisheries and
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Administrative Officer
Resource Geophysics &
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Attention: Mr. B.T. Lynch
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Financial
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(Your File GS785-47)

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Attention: Supt. F. Boivin
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343 Jeanne Mance Bldg.
Tunney's Pasture
Ottawa, Ontario
K1A 0K9

(Your file 4240-8)

103
REVIEWER

NOV 2 1978

"S" SUB- REG.

G.S.785-47

1978-10-13

CONFIDENTIAL

Department of Justice,
Wellington Street,
Ottawa, Ontario.
K1A 0H8

Att'n: Mr. Michael A. Kelen
Civil Litigation Section

Dear Sir,

Re: Soviet Cosmos Satellite
Claim Against U.S.S.R.

Receipt is acknowledged of your correspondence dated
October 2, 1978.

In our correspondence dated August 30, 1978 we identified
our total costs and we do not have any further costs caused by the
diversion of our employees from their normal duties.

Yours truly,

B.T. Lynch
B.T. Lynch,
Officer in Charge,
Financial Management
Branch.

cc: Insp. T.C. Jenkins
Security Policy Sec.



Government of Canada
Gouvernement du Canada

MEMORANDUM

NOTE DE SERVICE

FIN. MGMT. BRANCH

OCT 27 1978

TO
A

Officer i/c
Financial Management Branch
Room 626
Pickering Bldg.


FROM
DE

J.P. Tétrault

SUBJECT
OBJET

Accounts - "G" Division

As requested in your memorandum of September 20, 1978, attached are eleven originals of overtime claims and one copy, which represents page 1, of a claim for W. Luchtmeijer.


Manager
R.C.M. Police Division
Supply & Services Canada (Services)

Att.

REVIEWER.....

APR 3 1980

5-07-100-115



345

OVERTIME COMPENSATION CLAIM
DEMANDE DE RÉTRIBUTION DU SURTEMPS

PAGE 1 OF 1
DE

DISTRIBUTION: 1 & 2 to Div. "H.Q.," 3 to S/ Div; 4 Office

DIFFUSION: 1 & 2 au q.g. div; 3 au q.g. s.-div.; 4 au bureau

* CODE: After Duty A Après la journée de travail
Before Duty B Avant la journée de travail
Call Back C Rappel au travail
Stand By D En disponibilité

| NO. NO | | | | | SHIFT PÉRIODE DE RELÈVE | | OVERTIME — SURTEMPS | |
|--------------------------|--|--|--|--|--|--|---------------------|--|
| DATE(S) | | | | | FROM-DE | | DATE(S) | |
| 1 | | | | | LAST DERNIÈRE | | 24 JAN 78 | |
| | | | | | NEXT PROCHAINE | | 25 JAN 78 | |
| FILE NO. - NO DU DOSSIER | | | | | Explain why overtime was unavoidable- Dire pourquoi le surtemps était inévitable | | | |
| CAPTION- TITRE | | | | | To complete Flight. | | | |
| Spence Bay-Cambridge Bay | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| 2 | | | | | LAST DERNIÈRE | | 25 JAN 78 | |
| | | | | | NEXT PROCHAINE | | 26 JAN 78 | |
| FILE NO. - NO DU DOSSIER | | | | | | | | |
| CAPTION- TITRE | | | | | To complete Flight. Cambridge Bay-Gjoa Haven-Cambridge Bay | | | |
| | | | | | Yellowknife - Sudden Death | | | |
| | | | | | AT GJOA HAVEN. | | | |
| 3 | | | | | LAST DERNIÈRE | | 29 JAN 78 | |
| | | | | | NEXT PROCHAINE | | 1 FEB 78 | |
| FILE NO. - NO DU DOSSIER | | | | | Call back required as both aircraft tasked this date. | | | |
| CAPTION- TITRE | | | | | Air Det under strength. | | | |
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| 4 | | | | | LAST DERNIÈRE | | 29 JAN 78 | |
| | | | | | NEXT PROCHAINE | | 1 FEB 78 | |
| FILE NO. - NO DU DOSSIER | | | | | Call back required as both aircraft tasked this date. | | | |
| CAPTION- TITRE | | | | | Air Det. under strength | | | |
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RECORD OF LIEU TIME—RELEVÉ DES CONGÉS DE SURTEMPS

| HRS.-H. |
|--|
| Previous Balance Total précédent |
| Balance this month Heures accumulées au cours du mois |
| TOTAL |
| L.T.O. taken Congés pris |
| Balance Excédent |

| | |
|---|------|
| TOTAL THIS PAGE TOTAL DE CETTE PAGE | 32.0 |
| TOTAL FROM PREVIOUS PAGE TOTAL REPORTÉ DE LA PAGE PRÉCÉDENTE | |

TOTAL 32.0

COMPLETE BEYOND HERE ON FINAL PAGE ONLY
NE REMPLIR LES CASES SUIV. QUE SUR LA DERNIÈRE PAGE

CLAIMANT (Signature)- DU REQUÉRANT

William D. Reid

COLLATOR NO.
NO DE COLLATION

G0592.

ADJUSTMENTS—AJUSTEMENT

UNIT-SERVICE

Yellowknife Air Det.

LOCATION-LIEU

Yellowknife A. N. W. T.

RANK-GRADE

Cpl.

REG. NO.-NO MATR

30303

NAME-NOM

William D. REID.

WHEN IN ACTING POSITION PLACE "A" IN FRONT OF HOURLY RATE
EN CAS DE SUPPLÉANCE, METTRE UN "S" DEVANT "TAUX HORAIRE"

HOURLY RATE
TAUX HORAIRE

9.88

TOTAL

BANKED
RÉSERVE

TOTAL FOR PAYMENT
TOTAL À RÉTRIBUER

48.0

48.0

48.0

Conversion Chart of Converting OVERTIME hours to STRAIGHT TIME hours.

- (O.T. hours x 1.5, round to nearest ½ hour)

Tableau de conversion des heures de surtemps en heures de travail régulières

- (heures de S.T. x 1.5 — arrondir à la ½ hre la plus proche)

| | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| O.T. HOURS HEURES DE S.T. | .5 | 1.0 | 1.5 | 2.0 | 2.5 | 3.0 | 3.5 | 4.0 | 4.5 | 5.0 | 5.5 | 6.0 | 6.5 | 7.0 | 7.5 | 8.0 | 8.5 | 9.0 | 9.5 | 10.0 | 10.5 | 11.0 |
| S.T. HOURS HEURES DE T.R. | 1.0 | 1.5 | 2.0 | 3.0 | 4.0 | 4.5 | 5.0 | 6.0 | 7.0 | 7.5 | 8.0 | 9.0 | 10.0 | 10.5 | 11.0 | 12.0 | 13.0 | 13.5 | 14.0 | 15.0 | 16.0 | 16.5 |

| | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| O.T. HOURS HEURES DE S.T. | 11.5 | 12.0 | 12.5 | 13.0 | 13.5 | 14.0 | 14.5 | 15.0 | 15.5 | 16.0 | 16.5 | 17.0 | 17.5 | 18.0 | 18.5 | 19.0 | 19.5 | 20.0 | 20.5 | 21.0 | 21.5 | 22.0 |
| S.T. HOURS HEURES DE T.R. | 17.0 | 18.0 | 19.0 | 19.5 | 20.0 | 21.0 | 22.0 | 22.5 | 23.0 | 24.0 | 25.0 | 25.5 | 26.0 | 27.0 | 28.0 | 28.5 | 29.0 | 30.0 | 31.0 | 31.5 | 32.0 | 33.0 |

| | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| O.T. HOURS HEURES DE S.T. | 22.5 | 23.0 | 23.5 | 24.0 | 24.5 | 25.0 | 25.5 | 26.0 | 26.5 | 27.0 | 27.5 | 28.0 | 28.5 | 29.0 | 29.5 | 30.0 | 30.5 | 31.0 | 31.5 | 32.0 | 32.5 | 33.0 |
| S.T. HOURS HEURES DE T.R. | 34.0 | 34.5 | 35.0 | 36.0 | 37.0 | 37.5 | 38.0 | 39.0 | 40.0 | 40.5 | 41.0 | 42.0 | 43.0 | 43.5 | 44.0 | 45.0 | 46.0 | 46.5 | 47.0 | 48.0 | 49.0 | 49.5 |

| | | | | | | | | | | | | | | |
|------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| O.T. HOURS HEURES DE S.T. | 33.5 | 34.0 | 34.5 | 35.0 | 35.5 | 36.0 | 36.5 | 37.0 | 37.5 | 38.0 | 38.5 | 39.0 | 39.5 | 40.0 |
| S.T. HOURS HEURES DE T.R. | 50.0 | 51.0 | 52.0 | 52.5 | 53.0 | 54.0 | 55.0 | 55.5 | 56.0 | 57.0 | 58.0 | 58.5 | 59.0 | 60.0 |

Calculating Straight Time Entitlements

(O.T. hours x 1.5=straight time)

- 1) when calculation ends on the 1st quarter hour (15 minutes) entitlement reverts back to the even hour.
e.g. 3½ (3.5) hours O.T. = 5¼ (5.25) hours S.T.
entitlement 5 hours
- 2) when calculation ends on the 3rd quarter hour (45 minutes) entitlement goes ahead to the next even hour.
e.g. 4½ (4.5) hours O.T. = 6¾ (6.75) hours S.T.
entitlement 7 hours
- 3) when calculation ends on the ½ hour (30 minutes) entitlement remains on the half hour.
e.g. 5 hours O.T. = 7½ (7.5) hours S.T.
entitlement 7.5 hours

Conversion en temps régulier

(Heures de S.T. x 1.5=temps régulier)

- 1) lorsque le résultat du calcul tombe sur le premier quart d'heure (15 minutes), on retourne à l'heure juste.
ex.: 3½ (3.5) heures de S.T. = 5¼ (5.25) heures T.R.
temps accumulé: 5 heures
- 2) lorsque le résultat du calcul tombe sur le dernier quart d'heure (45 minutes), on avance à l'heure juste
ex.: 4½ (4.5) heures de S.T. = 6¾ (6.75) heures T.R.
temps accumulé: 7 heures
- 3) lorsque le résultat du calcul tombe sur la demie, on le laisse tel quel.
ex.: 5 heures de S.T. = 7½ (7.5) heures de T.R.
temps accumulé: 7.5 heures



OVERTIME COMPENSATION CLAIM DEMANDE DE RÉTRIBUTION DU SURTEMPS

PAGE 1 OF 1 DE 1

DISTRIBUTION: 1 & 2 to Div. "H.Q."; 3 to S/Div; 4 Office DIFFUSION: 1 & 2 au q.g. div; 3 au q.g. s.-div.; 4 au bureau

* CODE: After Duty A Après la journée de travail Before Duty B Avant la journée de travail Call Back C Rappel au travail Stand By D En disponibilité

| NO. NO | | SHIFT PÉRIODE DE RELÈVE | | DATE(S) | | FROM-DE | | TO-À | | OVERTIME — SURTEMPS | | | | | |
|--------------------------|--|-------------------------|--|--|--|---------|--|---------|--|---------------------|--|----------------------------------|--|------------------------|--|
| 1 | | LAST DERNIÈRE | | 16-1-78 | | 8 30 AM | | 5 00 PM | | 16-1-78 | | 12 noon | | | |
| | | NEXT PROCHAINE | | 17-1-78 | | 8 30 AM | | 5 00 PM | | | | 1 PM | | | |
| FILE NO. - N° DU DOSSIER | | | | Explain why overtime was unavoidable- Dire pourquoi le surtemps était inévitable | | | | | | | | HOURS CLAIMED HEURES À RÉTRIBUER | | RECOMMENDED RECOMMANDÉ | |
| CAPTION- TITRE | | | | PRIS ESCORT MAC COURT YELLOW KNIFE NWT | | | | | | | | * CODE | | OVERTIME SURTEMPS | |
| | | | | | | | | | | | | A | | 1 | |
| | | | | | | | | | | | | | | DATE 17/1/78 | |
| 2 | | LAST DERNIÈRE | | 16-1-78 | | 8 30 AM | | 5 00 PM | | 16-1-78 | | 5 00 PM | | | |
| | | NEXT PROCHAINE | | 17-1-78 | | 8 30 AM | | 5 00 PM | | | | 7 30 PM | | | |
| FILE NO. - N° DU DOSSIER | | | | | | | | | | | | * CODE | | OVERTIME SURTEMPS | |
| CAPTION- TITRE | | | | PRIS ESCORT MAC COURT YELLOW KNIFE NWT | | | | | | | | A | | 2.5 | |
| | | | | | | | | | | | | | | DATE 17-1-78 | |
| 3 | | LAST DERNIÈRE | | 31-1-78 | | 8 30 AM | | 5 00 PM | | 31-1-78 | | 6 00 PM | | | |
| | | NEXT PROCHAINE | | 1-2-78 | | 8 30 AM | | 5 00 PM | | | | 10 00 PM | | | |
| FILE NO. - N° DU DOSSIER | | | | GUARDING RADIO-ACTIVE MATERIAL AT AIRPORT IN YELLOWKNIFE, N.W.T. | | | | | | | | * CODE | | OVERTIME SURTEMPS | |
| CAPTION- TITRE | | | | RUSSIAN SATELLITE- ASST. TO D.N.D. GREAT SLAVE LAKE AREA, N.W.T. 24 JAN 78 | | | | | | | | C | | 4 | |
| | | | | | | | | | | | | | | DATE 1-2-78 | |
| | | LAST DERNIÈRE | | | | FROM-DE | | TO-À | | DATE(S) | | FROM-DE | | | |
| | | NEXT PROCHAINE | | | | FROM-DE | | TO-À | | | | TO-À | | | |
| FILE NO. - N° DU DOSSIER | | | | | | | | | | | | * CODE | | OVERTIME SURTEMPS | |
| CAPTION- TITRE | | | | | | | | | | | | | | RECOMMENDED RECOMMANDÉ | |
| | | | | | | | | | | | | | | INITIALS- INITIALES | |
| | | | | | | | | | | | | | | DATE | |

RECORD OF LIEU TIME—RELEVÉ DES CONGÉS DE SURTEMPS

| | | |
|---------|----|---|
| HRS.-H. | 7 | Previous Balance Total précédent |
| | 11 | Balance this month Heures accumulées au cours du mois |
| | 18 | TOTAL |
| | 0 | L.T.O. taken Congés pris |
| | 18 | Balance Excédent |

| | |
|--|-----|
| TOTAL THIS PAGE TOTAL DE CETTE PAGE | 7.5 |
| TOTAL FROM PREVIOUS PAGE TOTAL REPORTÉ DE LA PAGE PRÉCÉDENTE | |
| TOTAL | 7.5 |

COMPLETE BEYOND HERE ON FINAL PAGE ONLY NE REMPLIR LES CASES SUIV. QUE SUR LA DERNIÈRE PAGE

| | | | | | |
|---|--|------------------------------|--|-------------------------------------|--|
| CLAIMANT (Signature)- DU RÉQUÉRANT | | COLLATOR NO. N° DE COLLATION | | ADJUSTMENTS—AJUSTEMENT | |
| UNIT-SERVICE | | LOCATION-LIEU | | TOTAL | |
| RANK-GRADE | | NAME-NOM | | BANKED RÉSERVE | |
| WHEN IN ACTING POSITION PLACE "A" IN FRONT OF HOURLY RATE EN CAS DE SUPPLÉANCE, METTRE UN "S" DEVANT "TAUX HORAIRE" | | HOURLY RATE TAUX HORAIRE | | TOTAL FOR PAYMENT TOTAL À RÉTRIBUER | |

| |
|----|
| 11 |
| 11 |
| 11 |
| 3 |

Conversion Chart of Converting OVERTIME hours to STRAIGHT TIME hours.

- (O.T. hours x 1.5, round to nearest ½ hour)

Tableau de conversion des heures de surtemps en heures de travail régulières

- (heures de S.T. x 1.5 — arrondir à la ½ hre la plus proche)

| | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| O.T. HOURS HEURES DE S.T. | .5 | 1.0 | 1.5 | 2.0 | 2.5 | 3.0 | 3.5 | 4.0 | 4.5 | 5.0 | 5.5 | 6.0 | 6.5 | 7.0 | 7.5 | 8.0 | 8.5 | 9.0 | 9.5 | 10.0 | 10.5 | 11.0 |
| S.T. HOURS HEURES DE T.R. | 1.0 | 1.5 | 2.0 | 3.0 | 4.0 | 4.5 | 5.0 | 6.0 | 7.0 | 7.5 | 8.0 | 9.0 | 10.0 | 10.5 | 11.0 | 12.0 | 13.0 | 13.5 | 14.0 | 15.0 | 16.0 | 16.5 |

| | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| O.T. HOURS HEURES DE S.T. | 11.5 | 12.0 | 12.5 | 13.0 | 13.5 | 14.0 | 14.5 | 15.0 | 15.5 | 16.0 | 16.5 | 17.0 | 17.5 | 18.0 | 18.5 | 19.0 | 19.5 | 20.0 | 20.5 | 21.0 | 21.5 | 22.0 |
| S.T. HOURS HEURES DE T.R. | 17.0 | 18.0 | 19.0 | 19.5 | 20.0 | 21.0 | 22.0 | 22.5 | 23.0 | 24.0 | 25.0 | 25.5 | 26.0 | 27.0 | 28.0 | 28.5 | 29.0 | 30.0 | 31.0 | 31.5 | 32.0 | 33.0 |

| | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| O.T. HOURS HEURES DE S.T. | 22.5 | 23.0 | 23.5 | 24.0 | 24.5 | 25.0 | 25.5 | 26.0 | 26.5 | 27.0 | 27.5 | 28.0 | 28.5 | 29.0 | 29.5 | 30.0 | 30.5 | 31.0 | 31.5 | 32.0 | 32.5 | 33.0 |
| S.T. HOURS HEURES DE T.R. | 34.0 | 34.5 | 35.0 | 36.0 | 37.0 | 37.5 | 38.0 | 39.0 | 40.0 | 40.5 | 41.0 | 42.0 | 43.0 | 43.5 | 44.0 | 45.0 | 46.0 | 46.5 | 47.0 | 48.0 | 49.0 | 49.5 |

| | | | | | | | | | | | | | | |
|------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| O.T. HOURS HEURES DE S.T. | 33.5 | 34.0 | 34.5 | 35.0 | 35.5 | 36.0 | 36.5 | 37.0 | 37.5 | 38.0 | 38.5 | 39.0 | 39.5 | 40.0 |
| S.T. HOURS HEURES DE T.R. | 50.0 | 51.0 | 52.0 | 52.5 | 53.0 | 54.0 | 55.0 | 55.5 | 56.0 | 57.0 | 58.0 | 58.5 | 59.0 | 60.0 |

Calculating Straight Time Entitlements

(O.T. hours x 1.5=straight time)

- 1) when calculation ends on the 1st quarter hour (15 minutes) entitlement reverts back to the even hour.
e.g. 3½ (3.5) hours O.T. = 5¼ (5.25 hours S.T.
entitlement 5 hours
- 2) when calculation ends on the 3rd quarter hour (45 minutes) entitlement goes ahead to the next even hour.
e.g. 4½ (4.5) hours O.T. = 6¾ (6.75) hours S.T.
entitlement 7 hours
- 3) when calculation ends on the ½ hour (30 minutes) entitlement remains on the half hour.
e.g. 5 hours O.T. = 7½ (7.5) hours S.T.
entitlement 7.5 hours

Conversion en temps régulier

(Heures de S.T. x 1.5=temps régulier)

- 1) lorsque le résultat du calcul tombe sur le premier quart d'heure (15 minutes), on retourne à l'heure juste.
ex.: 3½ (3.5) heures de S.T. = 5¼ (5.25) heures T.R.
temps accumulé: 5 heures
- 2) lorsque le résultat du calcul tombe sur le dernier quart d'heure (45 minutes), on avance à l'heure juste.
ex.: 4½ (4.5) heures de S.T. = 6¾ (6.75) heures T.R.
temps accumulé: 7 heures
- 3) lorsque le résultat du calcul tombe sur la demie, on le laisse tel quel.
ex.: 5 heures de S.T. = 7½ (7.5) heures de T.R.
temps accumulé: 7.5 heures



347

OVERTIME COMPENSATION CLAIM
DEMANDE DE RÉTRIBUTION DU SURTEMPS

PAGE 1 OF 1
DE 1

DISTRIBUTION: 1 & 2 to Div. "H.Q.," 3 to S/Div; 4 Office
DIFFUSION: 1 & 2 au q.g. div; 3 au q.g. s.-div.; 4 au bureau

* CODE: After Duty A Après la journée de travail
Before Duty B Avant la journée de travail
Call Back C Rappel au travail
Stand By D En disponibilité

| NO. NO | | SHIFT PÉRIODE DE RELÈVE | | DATE(S) | | FROM-DE | | TO-À | | OVERTIME — SURTEMPS | | |
|--------------------------|--|-------------------------|--|--|--|---------|--|---------|--|----------------------------------|--|--|
| 1 | | LAST DERNIÈRE | | 10-1-78 | | 8:15 AM | | 4:30 PM | | 10-1-78 | | |
| | | NEXT PROCHAINE | | 11-1-78 | | 8:15 AM | | 4:30 PM | | 7:00 PM | | |
| FILE NO. - N° DU DOSSIER | | | | Explain why overtime was unavoidable- Dire pourquoi le surtemps était inévitable | | | | | | HOURS CLAIMED HEURES À RÉTRIBUER | | |
| CAPTION- TITRE | | | | TO RTN. TO HANGAR RE: UNSERVICEABILITIES ON MPR FRONT TRIP RTN'D 6:00 PM TRIPS BOOKED AM 11-1-78 | | | | | | RECOMMENDED RECOMMANDÉ | | |
| | | | | | | | | | | * CODE | | |
| | | | | | | | | | | OVERTIME SURTEMPS | | |
| | | | | | | | | | | INITIALS- INITIALES | | |
| | | | | | | | | | | DATE | | |
| | | | | | | | | | | 11-1-78 | | |
| 2 | | LAST DERNIÈRE | | 12-1-78 | | 8:15 AM | | 4:30 PM | | 12-1-78 | | |
| | | NEXT PROCHAINE | | 13-1-78 | | 8:15 AM | | 4:30 PM | | 4:30 PM | | |
| FILE NO. - N° DU DOSSIER | | | | | | | | | | * CODE | | |
| CAPTION- TITRE | | | | REPAIR BOOST PUMPS IN PREPARATION FOR FLT 13-1-78 | | | | | | RECOMMENDED RECOMMANDÉ | | |
| | | | | | | | | | | INITIALS- INITIALES | | |
| | | | | | | | | | | DATE | | |
| | | | | | | | | | | 15-1-78 | | |
| 3 | | LAST DERNIÈRE | | 31-1-78 | | 8:00 AM | | 4:00 PM | | 31-1-78 | | |
| | | NEXT PROCHAINE | | 1-2-78 | | 8:15 AM | | 4:30 PM | | 4:00 PM | | |
| FILE NO. - N° DU DOSSIER | | | | | | | | | | * CODE | | |
| CAPTION- TITRE | | | | ASSIST ON FLT. TO WARDENS GRIFF SATELITE SITE AS CREW | | | | | | RECOMMENDED RECOMMANDÉ | | |
| | | | | | | | | | | INITIALS- INITIALES | | |
| | | | | | | | | | | DATE | | |
| | | | | | | | | | | 1-2-78 | | |
| | | LAST DERNIÈRE | | | | FROM-DE | | TO-À | | DATE(S) | | |
| | | NEXT PROCHAINE | | | | FROM-DE | | TO-À | | FROM-DE | | |
| FILE NO. - N° DU DOSSIER | | | | | | | | | | * CODE | | |
| CAPTION- TITRE | | | | | | | | | | OVERTIME SURTEMPS | | |
| | | | | | | | | | | RECOMMENDED RECOMMANDÉ | | |
| | | | | | | | | | | INITIALS- INITIALES | | |
| | | | | | | | | | | DATE | | |

RECORD OF LIEU TIME—RELEVÉ DES CONGÉS DE SURTEMPS

| HRS. - H. | |
|-----------|--|
| | Previous Balance Total précédent |
| | Balance this month Heures accumulées au cours du mois |
| | TOTAL |
| | L.T.O. taken Congés pris |
| | Balance Excédent |

| | |
|---|-----|
| TOTAL THIS PAGE TOTAL DE CETTE PAGE | 7.5 |
| TOTAL FROM PREVIOUS PAGE TOTAL REPORTÉ DE LA PAGE PRÉCÉDENTE | |
| TOTAL | 7.5 |

COMPLETE BEYOND HERE ON FINAL PAGE ONLY
NE REMPLIR LES CASES SUIV. QUE SUR LA DERNIÈRE PAGE

| | | | | | |
|--|--|---------------------------------|--|--|--|
| CLAIMANT (Signature)- DU REQUÉRANT | | COLLATOR NO. N° DE COLLATION | | ADJUSTMENTS—AJUSTEMENT | |
| James L. Eccleston | | 60592 | | | |
| UNIT-SERVICE | | LOCATION-LIEU | | TOTAL | |
| YELLOWKNIFE AIR | | YELLOWKNIFE NWT | | 5 | |
| RANK-GRÂDE | | NAME-NOM | | BANKED RÉSERVE | |
| C/M | | JAMES L. ECCLESTON | | 3 | |
| WHEN IN ACTING POSITION PLACE "A" IN FRONT OF HOURLY RATE EN CAS DE SUPPLÉANCE, METTRE UN "S" DEVANT "TAUX HORAIRE" | | HOURLY RATE TAUX HORAIRE | | TOTAL FOR PAYMENT TOTAL À RÉTRIBUER | |
| | | 4 8.09 | | 11.0 | |

Conversion Chart of Converting OVERTIME hours to STRAIGHT TIME hours:

- (O.T. hours x 1.5, round to nearest ½ hour)

Tableau de conversion des heures de surtemps en heures de travail régulières

- (heures de S.T. x 1.5 — arrondir à la ½ hre la plus proche)

| | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| O.T. HOURS HEURES DE S.T. | .5 | 1.0 | 1.5 | 2.0 | 2.5 | 3.0 | 3.5 | 4.0 | 4.5 | 5.0 | 5.5 | 6.0 | 6.5 | 7.0 | 7.5 | 8.0 | 8.5 | 9.0 | 9.5 | 10.0 | 10.5 | 11.0 |
| S.T. HOURS HEURES DE T.R. | 1.0 | 1.5 | 2.0 | 3.0 | 4.0 | 4.5 | 5.0 | 6.0 | 7.0 | 7.5 | 8.0 | 9.0 | 10.0 | 10.5 | 11.0 | 12.0 | 13.0 | 13.5 | 14.0 | 15.0 | 16.0 | 16.5 |

| | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| O.T. HOURS HEURES DE S.T. | 11.5 | 12.0 | 12.5 | 13.0 | 13.5 | 14.0 | 14.5 | 15.0 | 15.5 | 16.0 | 16.5 | 17.0 | 17.5 | 18.0 | 18.5 | 19.0 | 19.5 | 20.0 | 20.5 | 21.0 | 21.5 | 22.0 |
| S.T. HOURS HEURES DE T.R. | 17.0 | 18.0 | 19.0 | 19.5 | 20.0 | 21.0 | 22.0 | 22.5 | 23.0 | 24.0 | 25.0 | 25.5 | 26.0 | 27.0 | 28.0 | 28.5 | 29.0 | 30.0 | 31.0 | 31.5 | 32.0 | 33.0 |

| | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| O.T. HOURS HEURES DE S.T. | 22.5 | 23.0 | 23.5 | 24.0 | 24.5 | 25.0 | 25.5 | 26.0 | 26.5 | 27.0 | 27.5 | 28.0 | 28.5 | 29.0 | 29.5 | 30.0 | 30.5 | 31.0 | 31.5 | 32.0 | 32.5 | 33.0 |
| S.T. HOURS HEURES DE T.R. | 34.0 | 34.5 | 35.0 | 36.0 | 37.0 | 37.5 | 38.0 | 39.0 | 40.0 | 40.5 | 41.0 | 42.0 | 43.0 | 43.5 | 44.0 | 45.0 | 46.0 | 46.5 | 47.0 | 48.0 | 49.0 | 49.5 |

| | | | | | | | | | | | | | | |
|------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| O.T. HOURS HEURES DE S.T. | 33.5 | 34.0 | 34.5 | 35.0 | 35.5 | 36.0 | 36.5 | 37.0 | 37.5 | 38.0 | 38.5 | 39.0 | 39.5 | 40.0 |
| S.T. HOURS HEURES DE T.R. | 50.0 | 51.0 | 52.0 | 52.5 | 53.0 | 54.0 | 55.0 | 55.5 | 56.0 | 57.0 | 58.0 | 58.5 | 59.0 | 60.0 |

Calculating Straight Time Entitlements

(O.T. hours x 1.5=straight time)

- 1) when calculation ends on the 1st quarter hour (15 minutes) entitlement reverts back to the even hour.
e.g. 3½ (3.5) hours O.T. = 5¼ (5.25) hours S.T.
entitlement 5 hours
- 2) when calculation ends on the 3rd quarter hour (45 minutes) entitlement goes ahead to the next even hour.
e.g. 4½ (4.5) hours O.T. = 6¾ (6.75) hours S.T.
entitlement 7 hours
- 3) when calculation ends on the ½ hour (30 minutes) entitlement remains on the half hour.
e.g. 5 hours O.T. = 7½ (7.5) hours S.T.
entitlement 7.5 hours

Conversion en temps régulier

(Heures de S.T. x 1.5=temps régulier)

- 1) lorsque le résultat du calcul tombe sur le premier quart d'heure (15 minutes), on retourne à l'heure juste.
ex.: 3½ (3.5) heures de S.T. = 5¼ (5.25) heures T.R.
temps accumulé: 5 heures
- 2) lorsque le résultat du calcul tombe sur le dernier quart d'heure (45 minutes), on avance à l'heure juste
ex.: 4½ (4.5) heures de S.T. = 6¾ (6.75) heures T.R.
temps accumulé: 7 heures
- 3) lorsque le résultat du calcul tombe sur la demie, on le laisse tel quel.
ex.: 5 heures de S.T. = 7½ (7.5) heures de T.R.
temps accumulé: 7.5 heures



OVERTIME COMPENSATION CLAIM
DEMANDE DE RÉTRIBUTION DU SURTEMPS

PAGE 1 OF 1
DE

DISTRIBUTION: 1 & 2 to Div. "H.Q.;" 3 to S/Div; 4 Office

DIFFUSION: 1 & 2 au q.g. div; 3 au q.g. s.-div.; 4 au bureau

* CODE: After Duty A Après la journée de travail
Before Duty B Avant la journée de travail
Call Back C Rappel au travail
Stand By D En disponibilité

| NO. NO | SHIFT PÉRIODE DE RELÈVE | DATE(S) | FROM-DE | TO-À | DATE(S) | FROM-DE | TO-À | HOURS CLAIMED HEURES À RÉTRIBUER | RECOMMENDED RECOMMANDÉ |
|--------------------------|-------------------------|-----------|--|---------|-----------|----------|----------|----------------------------------|------------------------|
| 1 | LAST DERNIÈRE | 5 Jan 78 | 12:00 AM | 8:00 AM | 5 Jan 78 | 10:00 AM | 11:30 AM | | |
| | NEXT PROCHAINE | 23 Jan 78 | 8:00 AM | 4:00 PM | | | | | |
| FILE NO. - N° DU DOSSIER | | | Explain why overtime was unavoidable- Dire pourquoi le surtemps était inévitable | | | | | * CODE | OVERTIME SURTEMPS |
| CAPTION- TITRE | | | Required for Court | | | | | | INITIALS- INITIALES |
| | | | | | | | | C | 3 |
| | | | | | | | | | DATE 8-1-78 |
| 2 | LAST DERNIÈRE | 31 Jan 78 | 8:00 AM | 4:00 PM | 31 Jan 78 | 10:00 PM | 12:00 AM | | |
| | NEXT PROCHAINE | 1 Feb 78 | 12:00 AM | 8:00 AM | | | | | |
| FILE NO. - N° DU DOSSIER | | | Required on Surveillance | | | | | * CODE | OVERTIME SURTEMPS |
| CAPTION- TITRE | | | Russian Satellite | | | | | | INITIALS- INITIALES |
| | | | 3rd Q to S. N. & | | | | | B | 2 |
| | | | Arrest Slave Lake Area | | | | | | DATE 2 FEB 78 |
| | | | | | | | | | |
| FILE NO. - N° DU DOSSIER | | | | | | | | * CODE | OVERTIME SURTEMPS |
| CAPTION- TITRE | | | | | | | | | INITIALS- INITIALES |
| | | | | | | | | | DATE |
| | | | | | | | | | |
| FILE NO. - N° DU DOSSIER | | | | | | | | * CODE | OVERTIME SURTEMPS |
| CAPTION- TITRE | | | | | | | | | INITIALS- INITIALES |
| | | | | | | | | | DATE |
| | | | | | | | | | |
| FILE NO. - N° DU DOSSIER | | | | | | | | * CODE | OVERTIME SURTEMPS |
| CAPTION- TITRE | | | | | | | | | INITIALS- INITIALES |
| | | | | | | | | | DATE |
| | | | | | | | | | |

RECORD OF LIEU TIME—RELEVÉ DES CONGÉS DE SURTEMPS

| HRS. - H. | |
|-----------|---|
| 24 | Previous Balance Total précédent |
| 0 | Balance this month Heures accumulées au cours du mois |
| 24 | TOTAL |
| 0 | L.T.O. taken Congés pris |
| 24 | Balance Excédent |

| | |
|--|---|
| TOTAL THIS PAGE TOTAL DE CETTE PAGE | 5 |
| TOTAL FROM PREVIOUS PAGE TOTAL REPORTÉ DE LA PAGE PRÉCÉDENTE | — |
| TOTAL | 5 |

COMPLETE BEYOND HERE ON FINAL PAGE ONLY
NE REMPLIR LES CASES SUIV. QUE SUR LA DERNIÈRE PAGE

| | | | | | |
|--|--------------------|------------------------------|--|--------------------------|-------------------------------------|
| CLAIMANT (Signature)- DU REQUÉRANT | | COLLATOR NO. N° DE COLLATION | | ADJUSTMENTS—AJUSTEMENT | |
| J. J. R. Drisdelle | | G0042 | | | |
| UNIT-SERVICE | | LOCATION-LIEU | | TOTAL | |
| YELLOWKNIFE DET | | YELLOWKNIFE N.W.T | | 5 7.5 | |
| RANK-GRADE | REG. NO. - N° MATR | NAME-NOM | | BANKED RÉSERVE | |
| CST | 1 29560 | 2 J. J. R. DRISDELLE | | | |
| WHEN IN ACTING POSITION PLACE "A" IN FRONT OF HOURLY RATE EN CAS DE SUPPLÉANCE, METTRE UN "S" DEVANT "TAUX HORAIRE" | | | | HOURLY RATE TAUX HORAIRE | TOTAL FOR PAYMENT TOTAL À RÉTRIBUER |
| | | | | 4 9.10 | 3 7.5 |

Conversion Chart of Converting OVERTIME hours to STRAIGHT TIME hours.

• (O.T. hours x 1.5, round to nearest ½ hour)

Tableau de conversion des heures de surtemps en heures de travail régulières

• (heures de S.T. x 1.5 — arrondir à la ½ hre la plus proche)

| | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| O.T. HOURS HEURES DE S.T. | .5 | 1.0 | 1.5 | 2.0 | 2.5 | 3.0 | 3.5 | 4.0 | 4.5 | 5.0 | 5.5 | 6.0 | 6.5 | 7.0 | 7.5 | 8.0 | 8.5 | 9.0 | 9.5 | 10.0 | 10.5 | 11.0 |
| S.T. HOURS HEURES DE T.R. | 1.0 | 1.5 | 2.0 | 3.0 | 4.0 | 4.5 | 5.0 | 6.0 | 7.0 | 7.5 | 8.0 | 9.0 | 10.0 | 10.5 | 11.0 | 12.0 | 13.0 | 13.5 | 14.0 | 15.0 | 16.0 | 16.5 |

| | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| O.T. HOURS HEURES DE S.T. | 11.5 | 12.0 | 12.5 | 13.0 | 13.5 | 14.0 | 14.5 | 15.0 | 15.5 | 16.0 | 16.5 | 17.0 | 17.5 | 18.0 | 18.5 | 19.0 | 19.5 | 20.0 | 20.5 | 21.0 | 21.5 | 22.0 |
| S.T. HOURS HEURES DE T.R. | 17.0 | 18.0 | 19.0 | 19.5 | 20.0 | 21.0 | 22.0 | 22.5 | 23.0 | 24.0 | 25.0 | 25.5 | 26.0 | 27.0 | 28.0 | 28.5 | 29.0 | 30.0 | 31.0 | 31.5 | 32.0 | 33.0 |

| | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| O.T. HOURS HEURES DE S.T. | 22.5 | 23.0 | 23.5 | 24.0 | 24.5 | 25.0 | 25.5 | 26.0 | 26.5 | 27.0 | 27.5 | 28.0 | 28.5 | 29.0 | 29.5 | 30.0 | 30.5 | 31.0 | 31.5 | 32.0 | 32.5 | 33.0 |
| S.T. HOURS HEURES DE T.R. | 34.0 | 34.5 | 35.0 | 36.0 | 37.0 | 37.5 | 38.0 | 39.0 | 40.0 | 40.5 | 41.0 | 42.0 | 43.0 | 43.5 | 44.0 | 45.0 | 46.0 | 46.5 | 47.0 | 48.0 | 49.0 | 49.5 |

| | | | | | | | | | | | | | | |
|------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| O.T. HOURS HEURES DE S.T. | 33.5 | 34.0 | 34.5 | 35.0 | 35.5 | 36.0 | 36.5 | 37.0 | 37.5 | 38.0 | 38.5 | 39.0 | 39.5 | 40.0 |
| S.T. HOURS HEURES DE T.R. | 50.0 | 51.0 | 52.0 | 52.5 | 53.0 | 54.0 | 55.0 | 55.5 | 56.0 | 57.0 | 58.0 | 58.5 | 59.0 | 60.0 |

Calculating Straight Time Entitlements

(O.T. hours x 1.5=straight time)

- 1) when calculation ends on the 1st quarter hour (15 minutes) entitlement reverts back to the even hour.
e.g. 3½ (3.5) hours O.T. = 5¼ (5.25) hours S.T.
entitlement 5 hours
- 2) when calculation ends on the 3rd quarter hour (45 minutes) entitlement goes ahead to the next even hour.
e.g. 4½ (4.5) hours O.T. = 6¾ (6.75) hours S.T.
entitlement 7 hours
- 3) when calculation ends on the ½ hour (30 minutes) entitlement remains on the half hour.
e.g. 5 hours O.T. = 7½ (7.5) hours S.T.
entitlement 7.5 hours

Conversion en temps régulier

(Heures de S.T. x 1.5=temps régulier)

- 1) lorsque le résultat du calcul tombe sur le premier quart d'heure (15 minutes), on retourne à l'heure juste.
ex.: 3½ (3.5) heures de S.T. = 5¼ (5.25) heures T.R.
temps accumulé: 5 heures
- 2) lorsque le résultat du calcul tombe sur le dernier quart d'heure (45 minutes), on avance à l'heure juste
ex.: 4½ (4.5) heures de S.T. = 6¾ (6.75) heures T.R.
temps accumulé: 7 heures
- 3) lorsque le résultat du calcul tombe sur la demie, on le laisse tel quel.
ex.: 5 heures de S.T. = 7½ (7.5) heures de T.R.
temps accumulé: 7.5 heures



OVERTIME COMPENSATION CLAIM
DEMANDE DE RÉTRIBUTION DU SURTEMPS

PAGE 1 OF 1
DE 1

DISTRIBUTION: 1 & 2 to Div. "H.Q."; 3 to S/Div; 4 Office
DIFFUSION: 1 & 2 au q.g. div; 3 au q.g. s.-div.; 4 au bureau

* CODE: After Duty A Après la journée de travail
Before Duty B Avant la journée de travail
Call Back C Rappel au travail
Stand By D En disponibilité

| NO. No | SHIFT PÉRIODE DE RELÈVE | DATE(S) | FROM-DE | TO-À | DATE(S) | FROM-DE | TO-À | OVERTIME — SURTEMPS |
|--------------------------|-------------------------------|----------------------|-----------|--|----------|---------------------------------|------------|-------------------------------------|
| 1 | LAST DERNIÈRE | 19-01-78 | 4:00 P.M. | 12:00 M.N. | 20-01-78 | 4:00 P.M. | 12:00 M.N. | HOURS CLAIMED HEURES À RÉTRIBUER |
| | NEXT PROCHAINE | 20-01-78 | 4:00 P.M. | 12:00 M.N. | | | | |
| FILE NO. - NO DU DOSSIER | | 78/111 | | Explain why overtime was unavoidable- Dire pourquoi le surtemps était inévitable | | Member called in to assist with | | * CODE |
| CAPTION- TITRE | | Assist Gov't Dep't | | th opening of the N.W.T. Council | | Member acted as flag bearer. | | |
| | | Red Serge Duty | | | | | | INITIALS- INITIALES |
| 2 | LAST DERNIÈRE | 26-01-78 | 8:00 A.M. | 4:00 P.M. | 26-01-78 | 4:00 P.M. | 6:00 P.M. | |
| | NEXT PROCHAINE | 27-01-78 | 8:00 A.M. | 4:00 P.M. | | | | RECOMMENDED RECOMMANDÉ |
| FILE NO. - NO DU DOSSIER | | 77-111-10 | | Member required for Prelim. | | | | |
| CAPTION- TITRE | | Dale Gordon PYSMENNY | | | | | | OVERTIME SURTEMPS |
| | | Unit & Run - C.C.C. | | | | | | |
| 3 | LAST DERNIÈRE | 29-01-78 | 8:00 A.M. | 4:00 P.M. | 30-01-78 | 4:00 P.M. | 8:30 PM | DATE |
| | NEXT PROCHAINE | 30-01-78 | 8:00 A.M. | 4:00 P.M. | | | | |
| FILE NO. - NO DU DOSSIER | | 78/386 | | Member req'd for Security Duty | | | | * CODE |
| CAPTION- TITRE | | Assistance to Dep't | | during the period when supposed | | | | |
| | | National Defence | | contamination of persons was thought | | to have taken place. No other | | INITIALS- INITIALES |
| | | | | available member. | | | | |
| | LAST DERNIÈRE | | | | | | | DATE |
| | NEXT PROCHAINE | | | | | | | |
| FILE NO. - NO DU DOSSIER | | | | | | | | * CODE |
| CAPTION- TITRE | | | | | | | | |
| | | | | | | | | INITIALS- INITIALES |
| | | | | | | | | |

RECORD OF LIEU TIME—RELEVÉ DES CONGÉS DE SURTEMPS

| | |
|------|--|
| 62.5 | Previous Balance Total précédent |
| 0 | Balance this month Heures accumulées au cours du mois |
| 62.5 | TOTAL |
| 0 | L.T.O. taken Congés pris |
| 62.5 | Balance Excédent |

| | |
|---|-----|
| TOTAL THIS PAGE TOTAL DE CETTE PAGE | 8.5 |
| TOTAL FROM PREVIOUS PAGE TOTAL REPORTÉ DE LA PAGE PRÉCÉDENTE | Nil |
| TOTAL | 8.5 |

COMPLETE BEYOND HERE ON FINAL PAGE ONLY
NE REMPLIR LES CASES SUIV. QUE SUR LA DERNIÈRE PAGE

| | |
|--|---------------------------------|
| CLAIMANT (Signature)- DU REQUÉRANT | COLLATOR NO. NO DE COLLATION |
| | 60042. |
| UNIT- SERVICE | LOCATION- LIEU |
| DETACHMENT. | YELLOW KNIFE. |
| RANK- GRADE | REG. NO. - NO MATR |
| CST. | 1 31538 |
| | 2 W.B. OTTMANN |
| WHEN IN ACTING POSITION PLACE "A" IN FRONT OF HOURLY RATE EN CAS DE SUPPLÉANCE, METTRE UN "S" DEVANT "TAUX HORAIRE" | |
| 4 8.34 | |

ADJUSTMENTS—AJUSTEMENT

| | |
|--|------|
| TOTAL | 13.0 |
| BANKED RÉSERVE | Nil |
| TOTAL FOR PAYMENT TOTAL À RÉTRIBUER | 13.0 |

Conversion Chart of Converting OVERTIME hours to STRAIGHT TIME hours.

- (O.T. hours x 1.5, round to nearest ½ hour)

Tableau de conversion des heures de surtemps en heures de travail régulières

- (heures de S.T. x 1.5 — arrondir à la ½ hre la plus proche)

| | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| O.T. HOURS HEURES DE S.T. | .5 | 1.0 | 1.5 | 2.0 | 2.5 | 3.0 | 3.5 | 4.0 | 4.5 | 5.0 | 5.5 | 6.0 | 6.5 | 7.0 | 7.5 | 8.0 | 8.5 | 9.0 | 9.5 | 10.0 | 10.5 | 11.0 |
| S.T. HOURS HEURES DE T.R. | 1.0 | 1.5 | 2.0 | 3.0 | 4.0 | 4.5 | 5.0 | 6.0 | 7.0 | 7.5 | 8.0 | 9.0 | 10.0 | 10.5 | 11.0 | 12.0 | 13.0 | 13.5 | 14.0 | 15.0 | 16.0 | 16.5 |

| | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| O.T. HOURS HEURES DE S.T. | 11.5 | 12.0 | 12.5 | 13.0 | 13.5 | 14.0 | 14.5 | 15.0 | 15.5 | 16.0 | 16.5 | 17.0 | 17.5 | 18.0 | 18.5 | 19.0 | 19.5 | 20.0 | 20.5 | 21.0 | 21.5 | 22.0 |
| S.T. HOURS HEURES DE T.R. | 17.0 | 18.0 | 19.0 | 19.5 | 20.0 | 21.0 | 22.0 | 22.5 | 23.0 | 24.0 | 25.0 | 25.5 | 26.0 | 27.0 | 28.0 | 28.5 | 29.0 | 30.0 | 31.0 | 31.5 | 32.0 | 33.0 |

| | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| O.T. HOURS HEURES DE S.T. | 22.5 | 23.0 | 23.5 | 24.0 | 24.5 | 25.0 | 25.5 | 26.0 | 26.5 | 27.0 | 27.5 | 28.0 | 28.5 | 29.0 | 29.5 | 30.0 | 30.5 | 31.0 | 31.5 | 32.0 | 32.5 | 33.0 |
| S.T. HOURS HEURES DE T.R. | 34.0 | 34.5 | 35.0 | 36.0 | 37.0 | 37.5 | 38.0 | 39.0 | 40.0 | 40.5 | 41.0 | 42.0 | 43.0 | 43.5 | 44.0 | 45.0 | 46.0 | 46.5 | 47.0 | 48.0 | 49.0 | 49.5 |

| | | | | | | | | | | | | | | |
|------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| O.T. HOURS HEURES DE S.T. | 33.5 | 34.0 | 34.5 | 35.0 | 35.5 | 36.0 | 36.5 | 37.0 | 37.5 | 38.0 | 38.5 | 39.0 | 39.5 | 40.0 |
| S.T. HOURS HEURES DE T.R. | 50.0 | 51.0 | 52.0 | 52.5 | 53.0 | 54.0 | 55.0 | 55.5 | 56.0 | 57.0 | 58.0 | 58.5 | 59.0 | 60.0 |

Calculating Straight Time Entitlements

(O.T. hours x 1.5=straight time)

- 1) when calculation ends on the 1st quarter hour (15 minutes) entitlement reverts back to the even hour.
e.g. 3½ (3.5) hours O.T. = 5¼ (5.25) hours S.T.
entitlement 5 hours
- 2) when calculation ends on the 3rd quarter hour (45 minutes) entitlement goes ahead to the next even hour.
e.g. 4½ (4.5) hours O.T. = 6¾ (6.75) hours S.T.
entitlement 7 hours
- 3) when calculation ends on the ½ hour (30 minutes) entitlement remains on the half hour.
e.g. 5 hours O.T. = 7½ (7.5) hours S.T.
entitlement 7.5 hours

Conversion en temps régulier

(Heures de S.T. x 1.5=temps régulier)

- 1) lorsque le résultat du calcul tombe sur le premier quart d'heure (15 minutes), on retourne à l'heure juste.
ex.: 3½ (3.5) heures de S.T. = 5¼ (5.25) heures T.R.
temps accumulé: 5 heures
- 2) lorsque le résultat du calcul tombe sur le dernier quart d'heure (45 minutes), on avance à l'heure juste
ex.: 4½ (4.5) heures de S.T. = 6¾ (6.75) heures T.R.
temps accumulé: 7 heures
- 3) lorsque le résultat du calcul tombe sur la demie, on le laisse tel quel.
ex.: 5 heures de S.T. = 7½ (7.5) heures de T.R.
temps accumulé: 7.5 heures



550

PAGE ONE OF ONE.
DE

DIFFUSION: 1 & 2 au q.g. div; 3 au q.g. s.-div.; 4 au bureau

| NO. NO | | SHIFT PERIODE DE RELEVÉ | | Stand By | | D | | En disponibilité | | OVERTIME — SURTEMPS | | | | | | | |
|--------------------------|--|-------------------------|--|--|--|----------|--|------------------|--|---------------------|--|----------------------------------|--|-------------------|--|------------------------|--|
| | | | | DATE(S) | | FROM- DE | | TO- À | | DATE(S) | | FROM- DE | | | | | |
| 1 | | LAST DERNIÈRE | | 3 FEB 78 | | 10 AM | | 6 PM | | 4 FEB 78 | | 10 AM | | | | | |
| | | NEXT PROCHAINE | | 6 FEB 78 | | 10 AM | | 6 PM | | | | 6 PM | | | | | |
| FILE NO. - NO DU DOSSIER | | | | Explain why overtime was unavoidable- Dire pourquoi le surtemps était inévitable | | | | | | | | HOURS CLAIMED HEURES À RÉTRIBUER | | | | | |
| CAPTION- TITRE | | | | TRANSPORTATION FOR REPLACEMENTS WAS NOT AVAILABLE. | | | | | | | | * CODE | | OVERTIME SURTEMPS | | RECOMMENDED RECOMMANDÉ | |
| | | | | | | | | | | | | C | | 8 | | INITIALS- INITIALES | |
| | | | | | | | | | | | | | | | | DATE | |
| | | | | | | | | | | | | | | | | 8/2/78 | |
| 2 | | LAST DERNIÈRE | | 3 FEB 78 | | 10 AM | | 6 PM | | 5 FEB 78 | | 10 AM | | | | | |
| | | NEXT PROCHAINE | | 6 FEB 78 | | 10 AM | | 6 PM | | | | 6 PM | | | | | |
| FILE NO. - NO DU DOSSIER | | | | TRANSPORTATION FOR REPLACEMENTS WAS NOT AVAILABLE. | | | | | | | | * CODE | | OVERTIME SURTEMPS | | RECOMMENDED RECOMMANDÉ | |
| CAPTION- TITRE | | | | | | | | | | | | C | | 8 | | INITIALS- INITIALES | |
| | | | | | | | | | | | | | | | | DATE | |
| | | | | | | | | | | | | | | | | 8/2/78 | |
| | | LAST DERNIÈRE | | DATE(S) | | FROM- DE | | TO- À | | DATE(S) | | FROM- DE | | | | | |
| | | NEXT PROCHAINE | | DATE(S) | | FROM- DE | | TO- À | | | | TO- À | | | | | |
| FILE NO. - NO DU DOSSIER | | | | | | | | | | | | * CODE | | OVERTIME SURTEMPS | | RECOMMENDED RECOMMANDÉ | |
| CAPTION- TITRE | | | | | | | | | | | | | | | | INITIALS- INITIALES | |
| | | | | | | | | | | | | | | | | DATE | |
| | | | | | | | | | | | | | | | | | |
| | | LAST DERNIÈRE | | DATE(S) | | FROM- DE | | TO- À | | DATE(S) | | FROM- DE | | | | | |
| | | NEXT PROCHAINE | | DATE(S) | | FROM- DE | | TO- À | | | | TO- À | | | | | |
| FILE NO. - NO DU DOSSIER | | | | | | | | | | | | * CODE | | OVERTIME SURTEMPS | | RECOMMENDED RECOMMANDÉ | |
| CAPTION- TITRE | | | | | | | | | | | | | | | | INITIALS- INITIALES | |
| | | | | | | | | | | | | | | | | DATE | |
| | | | | | | | | | | | | | | | | | |

| | |
|-----------|---|
| HRS. - H. | |
| 0 | Previous Balance <i>Total précédent</i> |
| 0 | Balance this month <i>Heures accumulées au cours du mois</i> |
| 24 | TOTAL |
| 16 | L.T.O. taken <i>Congés pris</i> |
| 8 | Balance <i>Excédent</i> |

| | |
|-------|----|
| TOTAL | 16 |
|-------|----|

COMPLETE BEYOND HERE ON FINAL PAGE ONLY
NE REMPLIR LES CASES SUIV. QUE SUR LA DERNIÈRE PAGE

-X1.5-

TOTAL FOR PAYMENT
TOTAL À RÉTRIBUER

Conversion Chart of Converting OVERTIME hours to STRAIGHT TIME hours.

- (O.T. hours x 1.5, round to nearest ½ hour)

Tableau de conversion des heures de surtemps en heures de travail régulières

- (heures de S.T. x 1.5 — arrondir à la ½ hre la plus proche)

| | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| O.T. HOURS HEURES DE S.T. | .5 | 1.0 | 1.5 | 2.0 | 2.5 | 3.0 | 3.5 | 4.0 | 4.5 | 5.0 | 5.5 | 6.0 | 6.5 | 7.0 | 7.5 | 8.0 | 8.5 | 9.0 | 9.5 | 10.0 | 10.5 | 11.0 |
| S.T. HOURS HEURES DE T.R. | 1.0 | 1.5 | 2.0 | 3.0 | 4.0 | 4.5 | 5.0 | 6.0 | 7.0 | 7.5 | 8.0 | 9.0 | 10.0 | 10.5 | 11.0 | 12.0 | 13.0 | 13.5 | 14.0 | 15.0 | 16.0 | 16.5 |
| O.T. HOURS HEURES DE S.T. | 11.5 | 12.0 | 12.5 | 13.0 | 13.5 | 14.0 | 14.5 | 15.0 | 15.5 | 16.0 | 16.5 | 17.0 | 17.5 | 18.0 | 18.5 | 19.0 | 19.5 | 20.0 | 20.5 | 21.0 | 21.5 | 22.0 |
| S.T. HOURS HEURES DE T.R. | 17.0 | 18.0 | 19.0 | 19.5 | 20.0 | 21.0 | 22.0 | 22.5 | 23.0 | 24.0 | 25.0 | 25.5 | 26.0 | 27.0 | 28.0 | 28.5 | 29.0 | 30.0 | 31.0 | 31.5 | 32.0 | 33.0 |
| O.T. HOURS HEURES DE S.T. | 22.5 | 23.0 | 23.5 | 24.0 | 24.5 | 25.0 | 25.5 | 26.0 | 26.5 | 27.0 | 27.5 | 28.0 | 28.5 | 29.0 | 29.5 | 30.0 | 30.5 | 31.0 | 31.5 | 32.0 | 32.5 | 33.0 |
| S.T. HOURS HEURES DE T.R. | 34.0 | 34.5 | 35.0 | 36.0 | 37.0 | 37.5 | 38.0 | 39.0 | 40.0 | 40.5 | 41.0 | 42.0 | 43.0 | 43.5 | 44.0 | 45.0 | 46.0 | 46.5 | 47.0 | 48.0 | 49.0 | 49.5 |
| O.T. HOURS HEURES DE S.T. | 33.5 | 34.0 | 34.5 | 35.0 | 35.5 | 36.0 | 36.5 | 37.0 | 37.5 | 38.0 | 38.5 | 39.0 | 39.5 | 40.0 | | | | | | | | |
| S.T. HOURS HEURES DE T.R. | 50.0 | 51.0 | 52.0 | 52.5 | 53.0 | 54.0 | 55.0 | 55.5 | 56.0 | 57.0 | 58.0 | 58.5 | 59.0 | 60.0 | | | | | | | | |

Calculating Straight Time Entitlements

(O.T. hours x 1.5=straight time)

- 1) when calculation ends on the 1st quarter hour (15 minutes) entitlement reverts back to the even hour.
e.g. 3½ (3.5) hours O.T. = 5¼ (5.25) hours S.T.
entitlement 5 hours
- 2) when calculation ends on the 3rd quarter hour (45 minutes) entitlement goes ahead to the next even hour.
e.g. 4½ (4.5) hours O.T. = 6¾ (6.75) hours S.T.
entitlement 7 hours
- 3) when calculation ends on the ½ hour (30 minutes) entitlement remains on the half hour.
e.g. 5 hours O.T. = 7½ (7.5) hours S.T.
entitlement 7.5 hours

Conversion en temps régulier

(Heures de S.T. x 1.5=temps régulier)

- 1) lorsque le résultat du calcul tombe sur le premier quart d'heure (15 minutes), on retourne à l'heure juste.
ex.: 3½ (3.5) heures de S.T. = 5¼ (5.25) heures T.R.
temps accumulé: 5 heures
- 2) lorsque le résultat du calcul tombe sur le dernier quart d'heure (45 minutes), on avance à l'heure juste
ex.: 4½ (4.5) heures de S.T. = 6¾ (6.75) heures T.R.
temps accumulé: 7 heures
- 3) lorsque le résultat du calcul tombe sur la demie, on le laisse tel quel.
ex.: 5 heures de S.T. = 7½ (7.5) heures de T.R.
temps accumulé: 7.5 heures



OVERTIME COMPENSATION CLAIM
DEMANDE DE RÉTRIBUTION DU SURTEMPS

PAGE 1 OF 1
DE 1

DISTRIBUTION: 1 & 2 to Div. "H.Q."; 3 to S/Div; 4 Office

DIFFUSION: 1 & 2 au q.g. div; 3 au q.g. s.-div.; 4 au bureau

* CODE: After Duty A Après la journée de travail
Before Duty B Avant la journée de travail
Call Back C Rappel au travail
Stand By D En disponibilité

| NO. NO | SHIFT PÉRIODE DE RELÈVE | DATE(S) | FROM-DE | TO-À | DATE(S) | FROM-DE | TO-À |
|--------------------------|-------------------------|---|---------|---------|----------|---------|----------|
| 1. | LAST DERNIÈRE | 4 Feb 78 | 9:00 AM | 5:00 PM | 4 Feb 78 | 5:00 PM | 9:00 PM |
| | NEXT PROCHAINE | 5 Feb 78 | 9:00 AM | 5:00 PM | | | |
| FILE NO. - N° DU DOSSIER | | Explain why overtime was unavoidable - Explique pourquoi le surtemps était inévitable | | | | | |
| CAPTION - TITRE | | Required to guard satellite site at Warden's Grove N.W.T. | | | | | |
| Operation - Morning Star | | | | | | | |
| 2. | LAST DERNIÈRE | 5 Feb 78 | 9:00 AM | 5:00 PM | 5 Feb 78 | 5:00 PM | 9:00 PM |
| | NEXT PROCHAINE | 6 Feb 78 | 9:00 AM | 5:00 PM | | | |
| FILE NO. - N° DU DOSSIER | | | | | | | |
| CAPTION - TITRE | | Required to guard satellite site at Warden's Grove N.W.T. | | | | | |
| Operation - Morning Star | | | | | | | |
| 3. | LAST DERNIÈRE | 6 Feb 78 | 9:00 AM | 5:00 PM | 6 Feb 78 | 5:00 PM | 10:00 PM |
| | NEXT PROCHAINE | 7 Feb 78 | 9:00 AM | 5:00 PM | | | |
| FILE NO. - N° DU DOSSIER | | | | | | | |
| CAPTION - TITRE | | Required to guard satellite site at Warden's Grove N.W.T. | | | | | |
| Operation - Morning Star | | | | | | | |
| | LAST DERNIÈRE | 7 Feb 78 | 9:00 AM | 5:00 PM | 7 Feb 78 | 5:00 PM | 9:00 PM |
| | NEXT PROCHAINE | 8 Feb 78 | 9:00 AM | 5:00 PM | | | |
| FILE NO. - N° DU DOSSIER | | | | | | | |
| CAPTION - TITRE | | Required to guard satellite site at Warden's Grove N.W.T. | | | | | |
| Operation - Morning Star | | | | | | | |

RECORD OF LIEU TIME—RELEVÉ DES CONGÉS DE SURTEMPS

| | |
|---------|--|
| HRS.-H. | Previous Balance Total précédent |
| 21.5 | Balance this month Heures accumulées au cours du mois |
| TOTAL | |
| | L.T.O. taken Congés pris |
| | Balance Excédent |

| | |
|---|----|
| TOTAL THIS PAGE TOTAL DE CETTE PAGE | 12 |
| TOTAL FROM PREVIOUS PAGE TOTAL REPORTÉ DE LA PAGE PRÉCÉDENTE | — |
| TOTAL | 17 |

COMPLETE BEYOND HERE ON FINAL PAGE ONLY
NE REMPLIR LES CASES SUIV. QUE SUR LA DERNIÈRE PAGE

| | | |
|--|------------------------------|-----------------------------|
| CLAIMANT (Signature) DU REQUÉRANT | COLLATOR NO. N° DE COLLATION | ADJUSTMENTS—AJUSTEMENT |
| | G-0536 | |
| UNIT-SERVICE | LOCATION-LIEU | |
| HAY RIVER H.P. | HAY RIVER, N.W.T. | |
| RANK-GRADE | REG. NO.-N° MATR | NAME-NOM |
| CST. | 1 29766 | 2 A.A. MACKENZIE |
| WHEN IN ACTING POSITION PLACE "A" IN FRONT OF HOURLY RATE EN CAS DE SUPPLÉANCE, METTRE UN "S" DEVANT "TAUX HORAIRE" | | HOURLY RATE TAUX HORAIRE |
| | | 4 9.10 |

| | |
|--|------|
| TOTAL | 25.5 |
| BANKED RÉSERVE | 8.5 |
| TOTAL FOR PAYMENT TOTAL À RÉTRIBUER | 17.0 |

Conversion Chart of Converting OVERTIME hours to STRAIGHT TIME hours.

- (O.T. hours x 1.5, round to nearest ½ hour)

Tableau de conversion des heures de surtemps en heures de travail régulières

- (heures de S.T. x 1.5 — arrondir à la ½ hre la plus proche)

| | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| O.T. HOURS HEURES DE S.T. | .5 | 1.0 | 1.5 | 2.0 | 2.5 | 3.0 | 3.5 | 4.0 | 4.5 | 5.0 | 5.5 | 6.0 | 6.5 | 7.0 | 7.5 | 8.0 | 8.5 | 9.0 | 9.5 | 10.0 | 10.5 | 11.0 |
| S.T. HOURS HEURES DE T.R. | 1.0 | 1.5 | 2.0 | 3.0 | 4.0 | 4.5 | 5.0 | 6.0 | 7.0 | 7.5 | 8.0 | 9.0 | 10.0 | 10.5 | 11.0 | 12.0 | 13.0 | 13.5 | 14.0 | 15.0 | 16.0 | 16.5 |
| O.T. HOURS HEURES DE S.T. | 11.5 | 12.0 | 12.5 | 13.0 | 13.5 | 14.0 | 14.5 | 15.0 | 15.5 | 16.0 | 16.5 | 17.0 | 17.5 | 18.0 | 18.5 | 19.0 | 19.5 | 20.0 | 20.5 | 21.0 | 21.5 | 22.0 |
| S.T. HOURS HEURES DE T.R. | 17.0 | 18.0 | 19.0 | 19.5 | 20.0 | 21.0 | 22.0 | 22.5 | 23.0 | 24.0 | 25.0 | 25.5 | 26.0 | 27.0 | 28.0 | 28.5 | 29.0 | 30.0 | 31.0 | 31.5 | 32.0 | 33.0 |
| O.T. HOURS HEURES DE S.T. | 22.5 | 23.0 | 23.5 | 24.0 | 24.5 | 25.0 | 25.5 | 26.0 | 26.5 | 27.0 | 27.5 | 28.0 | 28.5 | 29.0 | 29.5 | 30.0 | 30.5 | 31.0 | 31.5 | 32.0 | 32.5 | 33.0 |
| S.T. HOURS HEURES DE T.R. | 34.0 | 34.5 | 35.0 | 36.0 | 37.0 | 37.5 | 38.0 | 39.0 | 40.0 | 40.5 | 41.0 | 42.0 | 43.0 | 43.5 | 44.0 | 45.0 | 46.0 | 46.5 | 47.0 | 48.0 | 49.0 | 49.5 |
| O.T. HOURS HEURES DE S.T. | 33.5 | 34.0 | 34.5 | 35.0 | 35.5 | 36.0 | 36.5 | 37.0 | 37.5 | 38.0 | 38.5 | 39.0 | 39.5 | 40.0 | | | | | | | | |
| S.T. HOURS HEURES DE T.R. | 50.0 | 51.0 | 52.0 | 52.5 | 53.0 | 54.0 | 55.0 | 55.5 | 56.0 | 57.0 | 58.0 | 58.5 | 59.0 | 60.0 | | | | | | | | |

Calculating Straight Time Entitlements

(O.T. hours x 1.5=straight time)

- 1) when calculation ends on the 1st quarter hour (15 minutes) entitlement reverts back to the even hour.
e.g. 3½ (3.5) hours O.T. = 5¼ (5.25) hours S.T.
entitlement 5 hours
- 2) when calculation ends on the 3rd quarter hour (45 minutes) entitlement goes ahead to the next even hour.
e.g. 4½ (4.5) hours O.T. = 6¾ (6.75) hours S.T.
entitlement 7 hours
- 3) when calculation ends on the ½ hour (30 minutes) entitlement remains on the half hour.
e.g. 5 hours O.T. = 7½ (7.5) hours S.T.
entitlement 7.5 hours

Conversion en temps régulier

(Heures de S.T. x 1.5=temps régulier)

- 1) lorsque le résultat du calcul tombe sur le premier quart d'heure (15 minutes), on retourne à l'heure juste.
ex.: 3½ (3.5) heures de S.T. = 5¼ (5.25) heures T.R.
temps accumulé: 5 heures
- 2) lorsque le résultat du calcul tombe sur le dernier quart d'heure (45 minutes), on avance à l'heure juste
ex.: 4½ (4.5) heures de S.T. = 6¾ (6.75) heures T.R.
temps accumulé: 7 heures
- 3) lorsque le résultat du calcul tombe sur la demie, on le laisse tel quel.
ex.: 5 heures de S.T. = 7½ (7.5) heures de T.R.
temps accumulé: 7.5 heures

OVERTIME COMPENSATION CLAIM DEMANDE DE RÉTRIBUTION DU SURTEMPS

PAGE 1 OF 1
DE 1

DISTRIBUTION: 1 & 2 to Div. "H.Q.;" 3 to S/ Div; 4 Office

DIFFUSION: 1 & 2 au q.q. div; 3 au q.q. s.-div.; 4 au bureau

| | | |
|--------------------|---|-----------------------------|
| * CODE: After Duty | A | Après la journée de travail |
| Before Duty | B | Avant la journée de travail |
| Call Back | C | Rappel au travail |
| Stand By | D | En disponibilité |


| NO. NO | SHIFT PÉRIODE DE RELÈVE | Stand By | | | D En disponibilité | | | OVERTIME — SURTEMPS | | |
|---|-------------------------------|---|---------------------|------------------|--------------------|-------------------|----------|-------------------------------------|----------------------------------|--|
| | | DATE(S) | FROM-DE | TO-À | DATE(S) | FROM-DE | TO-À | HOURS CLAIMED HEURES À RÉTRIBUER | RECOMMENDED RECOMMANDÉ | |
| 1. | LAST DERNIÈRE | DATE(S) 29 Jan 78 | FROM-DE 8:00 A M | TO-À H:00 P M | 29 Jan 78 | H:00 P M | 7:30 P M | RECOMMENDED RECOMMANDÉ | | |
| | NEXT PROCHAINE | DATE(S) 30 Jan 78 | FROM-DE 8:00 A M | TO-À H:00 P M | | | | | | |
| FILE NO. - N° DU DOSSIER 386 | | Explain why overtime was unavoidable- Dire pourquoi le surtemps était inévitable required to provide Security at Airport + Hospital, aiding D. N. D. with subject exposed to Radiation | | | | * CODE A | | OVERTIME SURTEMPS 3 1/2 | INITIALS- INITIALES JFK, C.M. | |
| CAPTION- TITRE RUSSIAN SATELLITE - MAJOR WEST ASSIST D N D | | | | | | DATE 30 Jan 78 | | | | |
| | LAST DERNIÈRE | DATE(S) | FROM-DE | TO-À | | | | | | |
| | NEXT PROCHAINE | DATE(S) | FROM-DE | TO-À | | | | | | |
| FILE NO. - N° DU DOSSIER | | | | | | * CODE | | OVERTIME SURTEMPS | RECOMMENDED RECOMMANDÉ | |
| CAPTION- TITRE | | | | | | | | | INITIALS- INITIALES | |
| | | | | | | | | | DATE | |
| | LAST DERNIÈRE | DATE(S) | FROM-DE | TO-À | | | | | | |
| | NEXT PROCHAINE | DATE(S) | FROM-DE | TO-À | | | | | | |
| FILE NO. - N° DU DOSSIER | | | | | | * CODE | | OVERTIME SURTEMPS | RECOMMENDED RECOMMANDÉ | |
| CAPTION- TITRE | | | | | | | | | INITIALS- INITIALES | |
| | | | | | | | | | DATE | |
| | LAST DERNIÈRE | DATE(S) | FROM-DE | TO-À | | | | | | |
| | NEXT PROCHAINE | DATE(S) | FROM-DE | TO-À | | | | | | |
| FILE NO. - N° DU DOSSIER | | | | | | * CODE | | OVERTIME SURTEMPS | RECOMMENDED RECOMMANDÉ | |
| CAPTION- TITRE | | | | | | | | | INITIALS- INITIALES | |
| | | | | | | | | | DATE | |
| | LAST DERNIÈRE | DATE(S) | FROM-DE | TO-À | | | | | | |
| | NEXT PROCHAINE | DATE(S) | FROM-DE | TO-À | | | | | | |
| FILE NO. - N° DU DOSSIER | | | | | | * CODE | | OVERTIME SURTEMPS | RECOMMENDED RECOMMANDÉ | |
| CAPTION- TITRE | | | | | | | | | INITIALS- INITIALES | |
| | | | | | | | | | DATE | |

RECORD OF LIEU TIME—RELEVÉ DES CONGÉS DE SURTEMPS

| | |
|-----------|---|
| HRS. - H. | |
| 78.5 | Previous Balance <i>Total précédent</i> |
| 1.5 | Balance this month <i>Heures accumulées au cours du mois</i> |
| 80.0 | TOTAL |
| 0 | L.T.O. taken <i>Congés pris</i> |
| 80 | Balance <i>Excédent</i> |

| | |
|---|-----------|
| TOTAL THIS PAGE TOTAL DE CETTE PAGE | 3.5 |
| TOTAL FROM PREVIOUS PAGE TOTAL REPORTÉ DE LA PAGE PRÉCÉDENTE | |
| TOTAL | 3½ |

COMPLETE BEYOND HERE ON FINAL PAGE ONLY
NE REMPLIR LES CASES SUIV. QUE SUR LA DERNIÈRE PAGE

| | | | | | |
|---|-----------------------------|--|---------------------------------------|--|--|
| CLAIMANT (Signature)- DU REQUÉRANT  | | COLLATOR NO. N° DE COLLATION G0042 | | ADJUSTMENTS—AJUSTEMENTS ----- | |
| UNIT - SERVICE YELLOWKNIFE DET | | | LOCATION - LIEU YELLOWKNIFE N.W.T. | | |
| RANK - GRADE Cst | REG. NO. - N° MATR 27943 | NAME - NOM. L. V. WISHNOWSKI | | | |
| WHEN IN ACTING POSITION PLACE "A" IN FRONT OF HOURLY RATE EN CAS DE SUPPLÉANCE, METTRE UN "S" DEVANT "TAUX HORAIRE" | | | | HOURLY RATE TAUX HORAIRE 4 9.10 | |
| | | | | TOTAL FOR PAYMENT TOTAL À RÉTRIBUER | |

| | |
|---|-----|
| | 5 |
| | |
| 5 | 5 |
| | 1.5 |
| 3 | 3.5 |

Conversion Chart of Converting OVERTIME hours to STRAIGHT TIME hours.
• (O.T. hours x 1.5, round to nearest ½ hour)

Tableau de conversion des heures de surtemps en heures de travail régulières
• (heures de S.T. x 1.5 — arrondir à la ½ hre la plus proche)

| | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| O.T. HOURS HEURES DE S.T. | .5 | 1.0 | 1.5 | 2.0 | 2.5 | 3.0 | 3.5 | 4.0 | 4.5 | 5.0 | 5.5 | 6.0 | 6.5 | 7.0 | 7.5 | 8.0 | 8.5 | 9.0 | 9.5 | 10.0 | 10.5 | 11.0 |
| S.T. HOURS HEURES DE T.R. | 1.0 | 1.5 | 2.0 | 3.0 | 4.0 | 4.5 | 5.0 | 6.0 | 7.0 | 7.5 | 8.0 | 9.0 | 10.0 | 10.5 | 11.0 | 12.0 | 13.0 | 13.5 | 14.0 | 15.0 | 16.0 | 16.5 |

| | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| O.T. HOURS HEURES DE S.T. | 11.5 | 12.0 | 12.5 | 13.0 | 13.5 | 14.0 | 14.5 | 15.0 | 15.5 | 16.0 | 16.5 | 17.0 | 17.5 | 18.0 | 18.5 | 19.0 | 19.5 | 20.0 | 20.5 | 21.0 | 21.5 | 22.0 |
| S.T. HOURS HEURES DE T.R. | 17.0 | 18.0 | 19.0 | 19.5 | 20.0 | 21.0 | 22.0 | 22.5 | 23.0 | 24.0 | 25.0 | 25.5 | 26.0 | 27.0 | 28.0 | 28.5 | 29.0 | 30.0 | 31.0 | 31.5 | 32.0 | 33.0 |

| | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| O.T. HOURS HEURES DE S.T. | 22.5 | 23.0 | 23.5 | 24.0 | 24.5 | 25.0 | 25.5 | 26.0 | 26.5 | 27.0 | 27.5 | 28.0 | 28.5 | 29.0 | 29.5 | 30.0 | 30.5 | 31.0 | 31.5 | 32.0 | 32.5 | 33.0 |
| S.T. HOURS HEURES DE T.R. | 34.0 | 34.5 | 35.0 | 36.0 | 37.0 | 37.5 | 38.0 | 39.0 | 40.0 | 40.5 | 41.0 | 42.0 | 43.0 | 43.5 | 44.0 | 45.0 | 46.0 | 46.5 | 47.0 | 48.0 | 49.0 | 49.5 |

| | | | | | | | | | | | | | | |
|------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| O.T. HOURS HEURES DE S.T. | 33.5 | 34.0 | 34.5 | 35.0 | 35.5 | 36.0 | 36.5 | 37.0 | 37.5 | 38.0 | 38.5 | 39.0 | 39.5 | 40.0 |
| S.T. HOURS HEURES DE T.R. | 50.0 | 51.0 | 52.0 | 52.5 | 53.0 | 54.0 | 55.0 | 55.5 | 56.0 | 57.0 | 58.0 | 58.5 | 59.0 | 60.0 |

Calculating Straight Time Entitlements
(O.T. hours x 1.5=straight time)

- 1) when calculation ends on the 1st quarter hour (15 minutes) entitlement reverts back to the even hour.
e.g. 3½ (3.5) hours O.T. = 5¼ (5.25 hours S.T.
entitlement 5 hours
- 2) when calculation ends on the 3rd quarter hour (45 minutes) entitlement goes ahead to the next even hour.
e.g. 4½ (4.5) hours O.T. = 6¾ (6.75) hours S.T.
entitlement 7 hours
- 3) when calculation ends on the ½ hour (30 minutes) entitlement remains on the half hour.
e.g. 5 hours O.T. = 7½ (7.5) hours S.T.
entitlement 7.5 hours

Conversion en temps régulier
(Heures de S.T. x 1.5=temps régulier)

- 1) lorsque le résultat du calcul tombe sur le premier quart d'heure (15 minutes), on retourne à l'heure juste.
ex.: 3½ (3.5) heures de S.T. = 5¼ (5.25) heures T.R.
temps accumulé: 5 heures
- 2) lorsque le résultat du calcul tombe sur le dernier quart d'heure (45 minutes), on avance à l'heure juste
ex.: 4½ (4.5) heures de S.T. = 6¾ (6.75) heures T.R.
temps accumulé: 7 heures
- 3) lorsque le résultat du calcul tombe sur la demie, on le laisse tel quel.
ex.: 5 heures de S.T. = 7½ (7.5) heures de T.R.
temps accumulé: 7.5 heures

OVERTIME COMPENSATION CLAIM
DEMANDE DE RÉTRIBUTION DU SURTEMPSPAGE 1 OF 1
DE

DISTRIBUTION: 1 & 2 to Div. "H.Q.," 3 to S/Div; 4 Office

DIFFUSION: 1 & 2 au q.g. div; 3 au q.g. s.-div.; 4 au bureau

* CODE: After Duty A Après la journée de travail
Before Duty B Avant la journée de travail
Call Back C Rappel au travail
Stand By D En disponibilité

| NO. NO | SHIFT PÉRIODE DE RELÈVE | DATE(S) | FROM-DE | TO-A | DATE(S) | FROM-DE | TO-A | OVERTIME — SURTEMPS | |
|--------------------------|-------------------------------|-----------|---------|---|----------|---------|---------|-------------------------------------|---|
| 1 | LAST DERNIÈRE | 3-Feb 78 | 8:15 AM | 4:30 PM | 4-2-78 | 8:30 AM | 5:00 PM | | |
| | NEXT PROCHAINE | 6 Feb 78 | 8:15 AM | 4:30 PM | | | | | |
| FILE NO. - NO DU DOSSIER | | | | Explain why overtime was unavoidable- Dire pourquoi le surtemps était inévitable | | | | HOURS CLAIMED HEURES À RÉTRIBUER | RECOMMENDED RECOMMANDÉ |
| CAPTION- TITRE | | | | To complete FLT YELLOWKNIFE - HAY RIVER - WARDEN'S GROVE - SATELITE II - YELLOWKNIFE | | | | * CODE | OVERTIME SURTEMPS |
| | | | | | | | | C 8 | INITIALS-INITIALES DATE 7-2-78 |
| 2 | LAST DERNIÈRE | 9-Feb 78 | 7:30 AM | 3:30 PM | 9 Feb 78 | 4:00 PM | 7:30 PM | | |
| | NEXT PROCHAINE | 10 Feb 78 | 8:30 AM | 4:30 PM | | | | | |
| FILE NO. - NO DU DOSSIER | | | | | | | | * CODE | OVERTIME SURTEMPS |
| CAPTION- TITRE | | | | To complete FLT YELLOWKNIFE - FT-RESOLUTION - YELLOWKNIFE - FT-RESOLUTION - HAY RIVER - YELLOWKNIFE - | | | | A 3.5 | RECOMMENDED RECOMMANDÉ |
| | | | | | | | | | INITIALS-INITIALES DATE 10 Feb 78 |
| 3 | LAST DERNIÈRE | 13 Feb 78 | 8:15 AM | 4:15 PM | 13-2-78 | 4:15 PM | 8:30 PM | | |
| | NEXT PROCHAINE | 14 Feb 78 | 8:00 AM | 4:00 PM | | | | | |
| FILE NO. - NO DU DOSSIER | | | | | | | | * CODE | OVERTIME SURTEMPS |
| CAPTION- TITRE | | | | To complete FLT YELLOWKNIFE - FT-SIMPSON-LITTLE DOCTOR LK - CH LK - NAHANNI BUTTE - BIRCH LK - FT-SIMPSON - JEAN MARIE RIVER - FT-SIMPSON | | | | A 4 | RECOMMENDED RECOMMANDÉ |
| | | | | | | | | | INITIALS-INITIALES DATE 15-2-78 |
| 11 | LAST DERNIÈRE | 24-2-78 | 8:15 AM | 4:30 PM | 24-2-78 | 5:00 PM | 7:00 PM | | |
| | NEXT PROCHAINE | 27-2-78 | 8:15 AM | 4:30 PM | | | | | |
| FILE NO. - NO DU DOSSIER | | | | | | | | * CODE | OVERTIME SURTEMPS |
| CAPTION- TITRE | | | | To complete FLT - YELLOWKNIFE - FT-FRANKLIN-TERRA - FT-RADKIN - FT-FRANKLIN - YELLOWKNIFE | | | | A 2 | RECOMMENDED RECOMMANDÉ |
| | | | | | | | | | INITIALS-INITIALES DATE 27-2-78 |

RECORD OF LIEU TIME—RELEVÉ DES CONGÉS DE SURTEMPS

| HRS.-H. | |
|---------|--|
| | Previous Balance Total précédent |
| | Balance this month Heures accumulées au cours du mois |
| | TOTAL |
| | L.T.O. taken Congés pris |
| | Balance Excédent |

| | |
|---|-----------|
| TOTAL THIS PAGE TOTAL DE CETTE PAGE | 17.5 |
| TOTAL FROM PREVIOUS PAGE TOTAL REPORTÉ DE LA PAGE PRÉCÉDENTE | — |
| TOTAL | 17.5 X1.5 |

COMPLETE BEYOND HERE ON FINAL PAGE ONLY
NE REMPLIR LES CASES SUIV. QUE SUR LA DERNIÈRE PAGE

CLAIMANT (Signature) DU REQUÉRANT

COLLATOR NO.
NO DE COLLATION

ADJUSTMENTS—AJUSTEMENT

UNIT-SERVICE

LOCATION-LIEU

YELLOWKNIFE AIR

YELLOWKNIFE NWT

RANK-GRADE

REG. NO. - NO MATR

NAME-NOM

S/Sgt

23516

2

ALAN L. SABEY

WHEN IN ACTING POSITION PLACE "A" IN FRONT OF HOURLY RATE

EN CAS DE SUPPLÉANCE, METTRE UN "S" DEVANT "TAUX HORAIRE"

HOURLY RATE
TAUX HORAIRE

4

TOTAL

BANKED
RÉSERVETOTAL FOR PAYMENT
TOTAL À RÉTRIBUER

26.0

26.0

26.0

Conversion Chart of Converting OVERTIME hours to STRAIGHT TIME hours.

- (O.T. hours x 1.5, round to nearest ½ hour)

Tableau de conversion des heures de surtemps en heures de travail régulières

- (heures de S.T. x 1.5 — arrondir à la ½ hre la plus proche)

| | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| O.T. HOURS HEURES DE S.T. | .5 | 1.0 | 1.5 | 2.0 | 2.5 | 3.0 | 3.5 | 4.0 | 4.5 | 5.0 | 5.5 | 6.0 | 6.5 | 7.0 | 7.5 | 8.0 | 8.5 | 9.0 | 9.5 | 10.0 | 10.5 | 11.0 |
| S.T. HOURS HEURES DE T.R. | 1.0 | 1.5 | 2.0 | 3.0 | 4.0 | 4.5 | 5.0 | 6.0 | 7.0 | 7.5 | 8.0 | 9.0 | 10.0 | 10.5 | 11.0 | 12.0 | 13.0 | 13.5 | 14.0 | 15.0 | 16.0 | 16.5 |

| | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| O.T. HOURS HEURES DE S.T. | 11.5 | 12.0 | 12.5 | 13.0 | 13.5 | 14.0 | 14.5 | 15.0 | 15.5 | 16.0 | 16.5 | 17.0 | 17.5 | 18.0 | 18.5 | 19.0 | 19.5 | 20.0 | 20.5 | 21.0 | 21.5 | 22.0 |
| S.T. HOURS HEURES DE T.R. | 17.0 | 18.0 | 19.0 | 19.5 | 20.0 | 21.0 | 22.0 | 22.5 | 23.0 | 24.0 | 25.0 | 25.5 | 26.0 | 27.0 | 28.0 | 28.5 | 29.0 | 30.0 | 31.0 | 31.5 | 32.0 | 33.0 |

| | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| O.T. HOURS HEURES DE S.T. | 22.5 | 23.0 | 23.5 | 24.0 | 24.5 | 25.0 | 25.5 | 26.0 | 26.5 | 27.0 | 27.5 | 28.0 | 28.5 | 29.0 | 29.5 | 30.0 | 30.5 | 31.0 | 31.5 | 32.0 | 32.5 | 33.0 |
| S.T. HOURS HEURES DE T.R. | 34.0 | 34.5 | 35.0 | 36.0 | 37.0 | 37.5 | 38.0 | 39.0 | 40.0 | 40.5 | 41.0 | 42.0 | 43.0 | 43.5 | 44.0 | 45.0 | 46.0 | 46.5 | 47.0 | 48.0 | 49.0 | 49.5 |

| | | | | | | | | | | | | | | |
|------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| O.T. HOURS HEURES DE S.T. | 33.5 | 34.0 | 34.5 | 35.0 | 35.5 | 36.0 | 36.5 | 37.0 | 37.5 | 38.0 | 38.5 | 39.0 | 39.5 | 40.0 |
| S.T. HOURS HEURES DE T.R. | 50.0 | 51.0 | 52.0 | 52.5 | 53.0 | 54.0 | 55.0 | 55.5 | 56.0 | 57.0 | 58.0 | 58.5 | 59.0 | 60.0 |

Calculating Straight Time Entitlements

(O.T. hours x 1.5=straight time)

- 1) when calculation ends on the 1st quarter hour (15 minutes) entitlement reverts back to the even hour.
e.g. 3½ (3.5) hours O.T. = 5¼ (5.25) hours S.T.
entitlement 5 hours
- 2) when calculation ends on the 3rd quarter hour (45 minutes) entitlement goes ahead to the next even hour.
e.g. 4½ (4.5) hours O.T. = 6¾ (6.75) hours S.T.
entitlement 7 hours
- 3) when calculation ends on the ½ hour (30 minutes) entitlement remains on the half hour.
e.g. 5 hours O.T. = 7½ (7.5) hours S.T.
entitlement 7.5 hours

Conversion en temps régulier

(Heures de S.T. x 1.5=temps régulier)

- 1) lorsque le résultat du calcul tombe sur le premier quart d'heure (15 minutes), on retourne à l'heure juste.
ex.: 3½ (3.5) heures de S.T. = 5¼ (5.25) heures T.R.
temps accumulé: 5 heures
- 2) lorsque le résultat du calcul tombe sur le dernier quart d'heure (45 minutes), on avance à l'heure juste
ex.: 4½ (4.5) heures de S.T. = 6¾ (6.75) heures T.R.
temps accumulé: 7 heures
- 3) lorsque le résultat du calcul tombe sur la demie, on le laisse tel quel.
ex.: 5 heures de S.T. = 7½ (7.5) heures de T.R.
temps accumulé: 7.5 heures

OVERTIME COMPENSATION CLAIM
DEMANDE DE RÉTRIBUTION DU SURTEMPSPAGE 1 OF 1
DE

354

DISTRIBUTION: 1 & 2 to Div. "H.Q."; 3 to S/Div; 4 Office

DIFFUSION: 1 & 2 au q.g. div; 3 au q.g. s.-div.; 4 au bureau

* CODE: After Duty A Après la journée de travail
Before Duty B Avant la journée de travail
Call Back C Rappel au travail
Stand By D En disponibilité

| OVERTIME — SURTEMPS | | | | |
|--|-------------------------|---|-------------------|---------------|
| NO. NO | SHIFT PÉRIODE DE RELÈVE | DATE(S) | FROM-DE | TO-A |
| 1 | LAST DERNIÈRE | DATE(S) 3 FEB 78 | FROM-DE 8:30 AM | TO-A 4:30 PM. |
| | NEXT PROCHAINE | DATE(S) 6 FEB 78 | FROM-DE 8:30 AM | TO-A 4:30 PM. |
| FILE NO. - NO DU DOSSIER | | Explain why overtime was unavoidable- Dire pourquoi le surtemps était inévitable | | |
| CAPTION- TITRE | | Call back to transport members in & out of Satellite II | | |
| CF-MPB. | | | | |
| 2 | LAST DERNIÈRE | DATE(S) 3 FEB 78 | FROM-DE 8:30 AM | TO-A 4:30 PM. |
| | NEXT PROCHAINE | DATE(S) 6 FEB 78 | FROM-DE 8:30 AM | TO-A 4:30 PM. |
| FILE NO. - NO DU DOSSIER | | | | |
| CAPTION- TITRE | | Call back to transport members out of Satellite I | | |
| CF-MPB. | | | | |
| 3 | LAST DERNIÈRE | DATE(S) 7 FEB 78 | FROM-DE 8:30 AM | TO-A 4:30 PM. |
| | NEXT PROCHAINE | DATE(S) 8 FEB 78 | FROM-DE 8:30 AM | TO-A 4:30 PM. |
| FILE NO. - NO DU DOSSIER | | | | |
| CAPTION- TITRE | | FLT - Byron Bay - Cambridge - Spence Bay - Pelly Bay - Spence - Cambridge To complete flight. | | |
| 1 | LAST DERNIÈRE | DATE(S) 14 FEB 78 | FROM-DE 11:00 AM. | TO-A 7:00 PM. |
| | NEXT PROCHAINE | DATE(S) 15 FEB 78 | FROM-DE 8:30 AM | TO-A 4:30 PM. |
| FILE NO. - NO DU DOSSIER | | | | |
| CAPTION- TITRE | | FLT - Rankin Inlet - Whale Cove - Eskimo Pt. - Rankin Inlet - Churchill. To complete flight. | | |
| FLT - Rankin Inlet - Whale Cove - Eskimo Pt. - Rankin Inlet - Churchill. | | | | |

| OVERTIME — SURTEMPS | | |
|----------------------------------|-------------------|------------------------|
| DATE(S) | FROM-DE | TO-A |
| 4 FEB 78 | 9 AM. | 5 PM. |
| HOURS CLAIMED HEURES À RÉTRIBUER | | RECOMMENDED RECOMMANDÉ |
| * CODE | OVERTIME SURTEMPS | INITIALS-INITIALES |
| C | 8.0 | OK |
| | | DATE 7-2-78 |
| 5 FEB 78 | 10 AM. | 2:30 PM. |
| * CODE | OVERTIME SURTEMPS | RECOMMENDED RECOMMANDÉ |
| C | 4.5 | OK |
| | | DATE 7-2-78 |
| 7 FEB 78 | 5:00 PM. | 11:00 PM. |
| * CODE | OVERTIME SURTEMPS | RECOMMENDED RECOMMANDÉ |
| A | 6.0 | OK |
| | | DATE 10-2-78 |
| 14 FEB 78 | 7:30 PM. | 12 MN. |
| * CODE | OVERTIME SURTEMPS | RECOMMENDED RECOMMANDÉ |
| A | 4.5 | OK |
| | | DATE 17-2-78 |

RECORD OF LIEU TIME — RELEVÉ DES CONGÉS DE SURTEMPS

| HRS.-H. |
|---|
| Previous Balance Total précédent |
| Balance this month Heures accumulées au cours du mois |
| TOTAL |
| L.T.O. taken Congés pris |
| Balance Excédent |

TOTAL THIS PAGE
TOTAL DE CETTE PAGE

23.0

TOTAL FROM PREVIOUS PAGE
TOTAL REPORTÉ DE LA PAGE PRÉCÉDENTE

TOTAL 23.0

X1.5

COMPLETE BEYOND HERE ON FINAL PAGE ONLY
NE REMPLIR LES CASES SUIV. QUE SUR LA DERNIÈRE PAGE

CLAIMANT (Signature)- DU RÉQUÉRANT

COLLATOR NO.
NO DE COLLATION

ADJUSTMENTS—AJUSTEMENT

UNIT-SERVICE

LOCATION-LIEU

RANK-GRADE

REG. NO.-NO MATR

NAME-NOM

TOTAL

BANKED
RESERVETOTAL FOR PAYMENT
TOTAL À RÉTRIBUERWHEN IN ACTING POSITION PLACE "A" IN FRONT OF HOURLY RATE
EN CAS DE SUPPLÉANCE, METTRE UN "S" DEVANT "TAUX HORAIRE"HOURLY RATE
TAUX HORAIRE

Conversion Chart of Converting OVERTIME hours to STRAIGHT TIME hours.

- (O.T. hours x 1.5, round to nearest ½ hour)

Tableau de conversion des heures de surtemps en heures de travail régulières

- (heures de S.T. x 1.5 — arrondir à la ½ hre la plus proche)

| | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| O.T. HOURS HEURES DE S.T. | .5 | 1.0 | 1.5 | 2.0 | 2.5 | 3.0 | 3.5 | 4.0 | 4.5 | 5.0 | 5.5 | 6.0 | 6.5 | 7.0 | 7.5 | 8.0 | 8.5 | 9.0 | 9.5 | 10.0 | 10.5 | 11.0 |
| S.T. HOURS HEURES DE T.R. | 1.0 | 1.5 | 2.0 | 3.0 | 4.0 | 4.5 | 5.0 | 6.0 | 7.0 | 7.5 | 8.0 | 9.0 | 10.0 | 10.5 | 11.0 | 12.0 | 13.0 | 13.5 | 14.0 | 15.0 | 16.0 | 16.5 |

| | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| O.T. HOURS HEURES DE S.T. | 11.5 | 12.0 | 12.5 | 13.0 | 13.5 | 14.0 | 14.5 | 15.0 | 15.5 | 16.0 | 16.5 | 17.0 | 17.5 | 18.0 | 18.5 | 19.0 | 19.5 | 20.0 | 20.5 | 21.0 | 21.5 | 22.0 |
| S.T. HOURS HEURES DE T.R. | 17.0 | 18.0 | 19.0 | 19.5 | 20.0 | 21.0 | 22.0 | 22.5 | 23.0 | 24.0 | 25.0 | 25.5 | 26.0 | 27.0 | 28.0 | 28.5 | 29.0 | 30.0 | 31.0 | 31.5 | 32.0 | 33.0 |

| | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| O.T. HOURS HEURES DE S.T. | 22.5 | 23.0 | 23.5 | 24.0 | 24.5 | 25.0 | 25.5 | 26.0 | 26.5 | 27.0 | 27.5 | 28.0 | 28.5 | 29.0 | 29.5 | 30.0 | 30.5 | 31.0 | 31.5 | 32.0 | 32.5 | 33.0 |
| S.T. HOURS HEURES DE T.R. | 34.0 | 34.5 | 35.0 | 36.0 | 37.0 | 37.5 | 38.0 | 39.0 | 40.0 | 40.5 | 41.0 | 42.0 | 43.0 | 43.5 | 44.0 | 45.0 | 46.0 | 46.5 | 47.0 | 48.0 | 49.0 | 49.5 |

| | | | | | | | | | | | | | | |
|------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| O.T. HOURS HEURES DE S.T. | 33.5 | 34.0 | 34.5 | 35.0 | 35.5 | 36.0 | 36.5 | 37.0 | 37.5 | 38.0 | 38.5 | 39.0 | 39.5 | 40.0 |
| S.T. HOURS HEURES DE T.R. | 50.0 | 51.0 | 52.0 | 52.5 | 53.0 | 54.0 | 55.0 | 55.5 | 56.0 | 57.0 | 58.0 | 58.5 | 59.0 | 60.0 |

Calculating Straight Time Entitlements

(O.T. hours x 1.5=straight time)

- 1) when calculation ends on the 1st quarter hour (15 minutes) entitlement reverts back to the even hour.
e.g. 3½ (3.5) hours O.T. = 5¼ (5.25) hours S.T.
entitlement 5 hours
- 2) when calculation ends on the 3rd quarter hour (45 minutes) entitlement goes ahead to the next even hour.
e.g. 4½ (4.5) hours O.T. = 6¾ (6.75) hours S.T.
entitlement 7 hours
- 3) when calculation ends on the ½ hour (30 minutes) entitlement remains on the half hour.
e.g. 5 hours O.T. = 7½ (7.5) hours S.T.
entitlement 7.5 hours

Conversion en temps régulier

(Heures de S.T. x 1.5=temps régulier)

- 1) lorsque le résultat du calcul tombe sur le premier quart d'heure (15 minutes), on retourne à l'heure juste.
ex.: 3½ (3.5) heures de S.T. = 5¼ (5.25) heures T.R.
temps accumulé: 5 heures
- 2) lorsque le résultat du calcul tombe sur le dernier quart d'heure (45 minutes), on avance à l'heure juste
ex.: 4½ (4.5) heures de S.T. = 6¾ (6.75) heures T.R.
temps accumulé: 7 heures
- 3) lorsque le résultat du calcul tombe sur la demie, on le laisse tel quel.
ex.: 5 heures de S.T. = 7½ (7.5) heures de T.R.
temps accumulé: 7.5 heures

OVERTIME COMPENSATION CLAIM
DEMANDE DE RÉTRIBUTION DU SURTEMPS

PAGE 2 OF 2
DE 2

DISTRIBUTION: 1 & 2 to Div. "H.Q.;" 3 to S/Div; 4 Office

DIFFUSION: 1 & 2 au q.g. div; 3 au q.g. s.-div.; 4 au bureau

* CODE: After Duty A Après la journée de travail
Before Duty B Avant la journée de travail
Call Back C Rappel au travail
Stand By D En disponibilité

| NO. NO | SHIFT PÉRIODE DE RELÈVE | DATE(S) | FROM-DE | TO-A | DATE(S) | FROM-DE | TO-A | OVERTIME - SURTEMPS |
|--------------------------|-------------------------|--|---------|-------------|-----------|-------------|------|---------------------|
| 5 | LAST DERNIÈRE | 11 FEB 78 | 8.00am | 4.00 pm | 11 FEB 78 | 4.00 pm | | |
| | NEXT PROCHAINE | 12 FEB 78 | 8.00am | 4.00 pm | | 9.00 pm | | |
| FILE NO. - NO DU DOSSIER | | 427/78 | | | | | | |
| CAPTION- TITRE | | Operation Manning light Required to assist U.S. and Can scientists locate and recover radioactive particles from vicinity of Snowdrift | | | | | | |
| 6 | LAST DERNIÈRE | 12 FEB 78 | 8.00 am | 4.00 pm | 13 Feb 78 | 8.00 am | | |
| | NEXT PROCHAINE | 15 FEB 78 | 4.00 pm | 12 midnight | | 4.00 pm | | |
| FILE NO. - NO DU DOSSIER | | 427/78 | | | | | | |
| CAPTION- TITRE | | CAPTION AS ABOVE: Required to assist cleanup on R.T.O. at Snowdrift site | | | | | | |
| 7 | LAST DERNIÈRE | 16 FEB 78 | 4.00 pm | 12 midnight | 17 FEB 78 | 12 midnight | | |
| | NEXT PROCHAINE | 17 feb 78 | 4.00 pm | 12 midnight | | 1.00 am | | |
| FILE NO. - NO DU DOSSIER | | 711/78 | | | | | | |
| CAPTION- TITRE | | Gary Hockridge Required for Breath Test as operator with prior 236 CC over 08 Yellowknife HWT to end of shift. | | | | | | |
| 8 | LAST DERNIÈRE | 16 Feb 78 | 4.00 pm | 12 Midnight | 17 Feb 78 | 1.00 am | | |
| | NEXT PROCHAINE | 17 Feb 78 | 4.00 pm | 12 Midnight | | 3.00 am | | |
| FILE NO. - NO DU DOSSIER | | | | | | | | |
| CAPTION- TITRE | | Harry Frank SUTHA Required for Breather over time as operator Had 236 cc over 08 Yellowknife HWT 17 Feb 78 not returned home from previous claim #7. | | | | | | |

RECORD OF LIEU TIME—RELEVÉ DES CONGÉS DE SURTEMPS

| HRS.-H. | |
|---------|---|
| 80 | Previous Balance Total précédent |
| 16 | Balance this month Heures accumulées au cours du mois |
| 96 | TOTAL |
| 16 | L.T.O. taken Congés pris |
| 80 | Balance Excédent |

| | |
|--|----|
| TOTAL THIS PAGE TOTAL DE CETTE PAGE | 16 |
| TOTAL FROM PREVIOUS PAGE TOTAL REPORTÉ DE LA PAGE PRÉCÉDENTE | 29 |
| TOTAL | 45 |

COMPLETE BEYOND HERE ON FINAL PAGE ONLY
NE REMPLIR LES CASES SUIV. QUE SUR LA DERNIÈRE PAGE

| | | | |
|---|------------------|------------------------------|--|
| CLAIMANT (Signature) DU REQUÉRANT | | COLLATOR NO. NO DE COLLATION | |
| UNIT-SERVICE | | LOCATION-LIEU | |
| DETACHMENT | | YELLOWKNIFE, N.W.T. | |
| RANK-GRADE | REG. NO.-NO MATR | NAME-NOM | |
| CST | 130406 | LOCHTMEIJER, W. | |
| WHEN IN ACTING POSITION PLACE "A" IN FRONT OF HOURLY RATE EN CAS DE SUPPLÉANCE, METTRE UN "S" DEVANT "TAUX HORAIRE" | | HOURLY RATE TAUX HORAIRE | |
| | | 9.10 | |

ADJUSTMENTS—AJUSTEMENT

| | |
|-------------------------------------|------|
| TOTAL | 67.5 |
| BANKED RÉSERVE | 16.0 |
| TOTAL FOR PAYMENT TOTAL À RÉTRIBUER | 51.5 |

Conversion Chart of Converting OVERTIME hours to STRAIGHT TIME hours.

- (O.T. hours x 1.5, round to nearest ½ hour)

Tableau de conversion des heures de surtemps en heures de travail régulières

- (heures de S.T. x 1.5 — arrondir à la ½ hre la plus proche)

| | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| O.T. HOURS HEURES DE S.T. | .5 | 1.0 | 1.5 | 2.0 | 2.5 | 3.0 | 3.5 | 4.0 | 4.5 | 5.0 | 5.5 | 6.0 | 6.5 | 7.0 | 7.5 | 8.0 | 8.5 | 9.0 | 9.5 | 10.0 | 10.5 | 11.0 |
| S.T. HOURS HEURES DE T.R. | 1.0 | 1.5 | 2.0 | 3.0 | 4.0 | 4.5 | 5.0 | 6.0 | 7.0 | 7.5 | 8.0 | 9.0 | 10.0 | 10.5 | 11.0 | 12.0 | 13.0 | 13.5 | 14.0 | 15.0 | 16.0 | 16.5 |

| | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| O.T. HOURS HEURES DE S.T. | 11.5 | 12.0 | 12.5 | 13.0 | 13.5 | 14.0 | 14.5 | 15.0 | 15.5 | 16.0 | 16.5 | 17.0 | 17.5 | 18.0 | 18.5 | 19.0 | 19.5 | 20.0 | 20.5 | 21.0 | 21.5 | 22.0 |
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| | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| O.T. HOURS HEURES DE S.T. | 22.5 | 23.0 | 23.5 | 24.0 | 24.5 | 25.0 | 25.5 | 26.0 | 26.5 | 27.0 | 27.5 | 28.0 | 28.5 | 29.0 | 29.5 | 30.0 | 30.5 | 31.0 | 31.5 | 32.0 | 32.5 | 33.0 |
| S.T. HOURS HEURES DE T.R. | 34.0 | 34.5 | 35.0 | 36.0 | 37.0 | 37.5 | 38.0 | 39.0 | 40.0 | 40.5 | 41.0 | 42.0 | 43.0 | 43.5 | 44.0 | 45.0 | 46.0 | 46.5 | 47.0 | 48.0 | 49.0 | 49.5 |

| | | | | | | | | | | | | | | |
|------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| O.T. HOURS HEURES DE S.T. | 33.5 | 34.0 | 34.5 | 35.0 | 35.5 | 36.0 | 36.5 | 37.0 | 37.5 | 38.0 | 38.5 | 39.0 | 39.5 | 40.0 |
| S.T. HOURS HEURES DE T.R. | 50.0 | 51.0 | 52.0 | 52.5 | 53.0 | 54.0 | 55.0 | 55.5 | 56.0 | 57.0 | 58.0 | 58.5 | 59.0 | 60.0 |

Calculating Straight Time Entitlements

(O.T. hours x 1.5=straight time)

- 1) when calculation ends on the 1st quarter hour (15 minutes) entitlement reverts back to the even hour.
e.g. 3½ (3.5) hours O.T. = 5¼ (5.25) hours S.T.
entitlement 5 hours
- 2) when calculation ends on the 3rd quarter hour (45 minutes) entitlement goes ahead to the next even hour.
e.g. 4½ (4.5) hours O.T. = 6¾ (6.75) hours S.T.
entitlement 7 hours
- 3) when calculation ends on the ½ hour (30 minutes) entitlement remains on the half hour.
e.g. 5 hours O.T. = 7½ (7.5) hours S.T.
entitlement 7.5 hours

Conversion en temps régulier

(Heures de S.T. x 1.5=temps régulier)

- 1) lorsque le résultat du calcul tombe sur le premier quart d'heure (15 minutes), on retourne à l'heure juste.
ex.: 3½ (3.5) heures de S.T. = 5¼ (5.25) heures T.R.
temps accumulé: 5 heures
- 2) lorsque le résultat du calcul tombe sur le dernier quart d'heure (45 minutes), on avance à l'heure juste
ex.: 4½ (4.5) heures de S.T. = 6¾ (6.75) heures T.R.
temps accumulé: 7 heures
- 3) lorsque le résultat du calcul tombe sur la demie, on le laisse tel quel.
ex.: 5 heures de S.T. = 7½ (7.5) heures de T.R.
temps accumulé: 7.5 heures

OVERTIME COMPENSATION CLAIM
DEMANDE DE RETRIBUTION DU SURTEMPS

PAGE 1 OF 2

DISTRIBUTION: 1 to 4 Office

DIFFUSION: 1 & 2 au q. g. div; 3 au q. g. s.-div; 4 au bureau

* CODE: After Duty A Après la journée de travail
Before Duty B Avant la journée de travail
Call Back C Rappel au travail
Stand By D En disponibilité

| SHIFT PERIODE DE RELEVÉ | | | | OVERTIME - SURTEMPS | | | | |
|---|-----------|---------|---------|--|---------|---------|--|---|
| LAST DERNIÈRE | DATE(S) | FROM-DE | TO-A | DATE(S) | FROM-DE | TO-A | | |
| NEXT PROCHAINE | 02 FEB 78 | 12 MN | 8.00 am | 03 FEB 78 | 12 noon | 8.00 pm | | |
| | 06 FEB 78 | 8.00 am | 4.00 pm | | | | | |
| NO. - NO DU DOSSIER 427/78. TITRE Operation Morning Light Assist D.H.D. 1/05 FEBRUARY 1978. PER TELEX UKADH 31/24 | | | | Explain why overtime was unavoidable - Dire pourquoi le surtemps était inévitable Required for guard duty on Operation Morning Light at Satellite # 2 on R.T.O. | | | | HOURS CLAIMED HEURES À RÉTRIBUER * CODE C ✓ 8 OVERTIME SURTEMPS RECOMMENDED RECOMMANDÉ INITIALS - INITIALES DATE 6-2-78 |
| LAST DERNIÈRE | 02 FEB 78 | 12 MN | 8.00 am | 04 FEB 78 | 7.00 am | 3.00 pm | | |
| NEXT PROCHAINE | 06 FEB 78 | 8.00 am | 4.00 pm | | | | | |
| NO. - NO DU DOSSIER 427/78 TITRE ACTION AS ABOVE. | | | | See Claim # 1 * CODE C ✓ 8 OVERTIME SURTEMPS RECOMMENDED RECOMMANDÉ INITIALS - INITIALES DATE 6-2-78 | | | | |
| LAST DERNIÈRE | 02 FEB 78 | 12 MN | 8.00 am | 05 FEB 78 | 7.00 am | 3.00 pm | | |
| NEXT PROCHAINE | 06 FEB 78 | 8.00 am | 4.00 pm | | | | | |
| NO. - NO DU DOSSIER 427/78 TITRE ACTION AS ABOVE. | | | | See Claim # 1 * CODE C ✓ 8 OVERTIME SURTEMPS RECOMMENDED RECOMMANDÉ INITIALS - INITIALES DATE 6-2-78 | | | | |
| LAST DERNIÈRE | 10 Feb 78 | 8.00 am | 4.00 pm | 10 FEB 78 | 4.00 pm | 9.00 pm | | |
| NEXT PROCHAINE | 11 Feb 78 | 8.00 am | 4.00 pm | | | | | |
| NO. - NO DU DOSSIER 427/78 TITRE Operation Morning Light Assist D.H.D. -13 FEB 78 | | | | Required for guard duties at Snowdrift site of radioactive loss. Reg to establish base camp after Reg duties. * CODE A ✓ 5 OVERTIME SURTEMPS RECOMMENDED RECOMMANDÉ INITIALS - INITIALES DATE 11- | | | | |

ORD OF LIEU TIME--RELEVÉ DES CONGÉS DE SURTEMPS

| | |
|--|--|
| Previous Balance Total précédent | |
| Balance this month Heures accumulées au cours du mois | |
| TOTAL | |
| L.T.O. taken Congés pris | |
| Balance Précédent | |

| | |
|---|----|
| TOTAL THIS PAGE TOTAL DE CETTE PAGE | 29 |
| TOTAL FROM PREVIOUS PAGE TOTAL REPORTÉ DE LA PAGE PRÉCÉDENTE | 0 |
| TOTAL | 29 |

COMPLETE BEYOND HERE ON FINAL PAGE ONLY
NE REMPLIR LES CASES SUIV. QUE SUR LA DERNIÈRE PAGE

Signature of REQUÉRANT

COLLATOR NO.
NO DE COLLATION

ADJUSTMENTS-AJU

| | | |
|---|--------------------|--------------------------------------|
| GRADE | REG. NO. - NO MATR | NAME - NOM |
| 1ST | 30406 | LOCHMEIER, W |
| WHEN IN ACTING POSITION PLACE "A" IN FRONT OF HOURLY RATE EN CAS DE SUPPLÉANCE, METTRE UN "A" DEVANT "TAUX HOURLIER" | | HOURLY RATE TAUX HOURLIER 9.10 |

Original damaged 000380

not on B atch



Department of Justice Ministère
of Justice de la Justice

Ottawa, Canada
K1A 0H8

December 28, 1978

209528
Re: Cosmos 954 Satellite Claim
Against U.S.S.R.

Gentlemen:

The claim against the Soviet Union for the costs incurred in Operation Morning Light will be presented to the Soviet Union's ambassador to Canada by the Minister of External Affairs on or about January 15, 1979. At that time it will be necessary to have the total and incremental costs incurred by your department in Phase II of Operation Morning Light which was from April 21, 1978 to October 15, 1978. This information was requested in a letter dated October 25, 1978 to your department from the Department of External Affairs. In that letter it was requested that this information be forwarded to me.

Would you please ensure that the appropriate official at your department advises me by telephone (995-9650) and confirms in writing this information. If your department has not incurred any costs in Phase II please advise in the same manner.

The documentation of the costs in Phase II will be submitted as soon after the January 15th date as possible. As with Phase I it has been decided that the itemization of expenses and the explanation for these expenses from the departments shall be submitted to the Soviet Union in the form of affidavits. I am enclosing a copy of the Affidavit of Mrs. Elizabeth Stringer prepared with respect to the Phase I costs of the Department of National Health and Welfare for your use as a precedent in preparation for the affidavit with respect to your department in Phase II.

. . . / 2

- 2 -

A copy of this letter with enclosures has been sent to the legal services for your department, and I am asking the legal services by copy of this letter to provide any assistance you or the financial officer may require in the preparation of this material.

Yours truly,

M. A. Casady

Per: Michael A. Kelen
Civil Litigation Section

Encl.

9:00 AM
79-01-04
Mr. Kelen advised
by phone that
there will be no
costs.
[Signature]

- 3 -

Dr. W.K. Gummer,
Manager,
Planning & Coordination Division,
Planning and Administration Branch,
Atomic Energy Control Board,
P.O. Box 1046,
Ottawa, Ontario.
K1P 5S9

Mr. John F.D. MacIsaac,
Director,
Legal Services,
Atomic Energy Control Board,
270 Albert Street, 7th Floor,
Ottawa, Ontario.
K1P 5S9

Mr. Raymond Roger,
Legal Adviser,
Atomic Energy Control Board,
7th Floor,
270 Albert Street,
Ottawa, Ontario.
K1P 5S9

Mr. G. Artichuk,
Administrative Officer,
Resource Geophysics &
Geochemistry Division,
Energy, Mines and Resources Canada,
Science and Technology,
Geological Survey of Canada,
601 Booth Street, Room 568,
Ottawa, Ontario.
K1A OE8

Mr. Ron E. Williams,
Director,
Legal Services,
Department of Energy Mines
and Resources,
Room 2015 "B", 580 Booth Street,
Ottawa, Ontario.
K1A OE4

Mr. Brahm Levin,
Director,
Budget Preparation and Control Br.,
Department of Fisheries and
Environment,
7th Floor, Fontaine Bldg.,
Hull, Quebec.

Mr. J. Milligan,
Acting Director,
Legal Services,
Department of Fisheries and
Environment,
10th Floor, Fontaine Bldg.,
200 boul Sacré-Coeur,
Hull, Quebec. K1A 1C7

The Commissioner,
Royal Canadian Mounted Police,
Room 620, Pickering Bldg.,
250 Tremblay Road,
Ottawa, Ontario.

Attention: Mr. B.T. Lynch ✓
Officer I/C
Financial
Management Br.

Royal Canadian Mounted Police,
Headquarters,
1200 Alta Vista Drive, Rm G-207,
Ottawa, Ontario. K1A OR2

Attention: Supt. F. Boivin
Officer I/C
Legal Branch

Mr. Saul Tunis,
Legal Adviser,
Legal Services,
Department of National Health
and Welfare,
343 Jeanne Mance Bldg., Rm 346,
Tunney's Pasture,
Ottawa, Ontario.
K1A OK9

Mrs. Elizabeth Stringer,
Administrative Officer,
Health Protection Branch,
Radiation Protection Bureau,
Health and Welfare Canada,
Brookfield Road,
Ottawa, Ontario.
K1A 1C1

360

- 4 -

Mrs. Shirley T. Parks,
Director,
Legal Services,
Department of Indian and Northern
Affairs,
22nd Floor, Les Terrasses de la
Chaudière,
10 Wellington Street,
Hull, Quebec.
K1A OH4

Royal Canadian Mounted Police,
Headquarters,
1200 Alta Vista Drive,
Ottawa, Ontario.
K1A OR2

Attention: Inspector T.C. Jenkin, Officer I/C, Security

Mr. Nick Stevenson,
Senior Financial Advisor,
Financial Services,
Fisheries and Marine Service,
Department of Fisheries and Environment,
240 Sparks Street,
Ottawa, Ontario.
K1A OE6

Mr. Glen R. Sheppy,
Legal Operations (FLA),
Department of External Affairs,
Room A4-158,
L.B. Pearson Building,
125 Sussex Drive,
Ottawa, Ontario.
K1A OG2

Mr. W.H. Montgomery,
Director,
Legal Advisory Division,
Department of External Affairs,
4th Floor, Room 140,
125 Sussex Drive, Tower "A",
Ottawa, Ontario.
K1A OG2

Dr. Gerald F. FitzGerald,
Department of Justice, Room 624

Mr. F.J.E. Jordan,
Department of Justice, Room 625

Mr. Daniel K. Daley,
Articling Student, Department of Justice

361

IN THE MATTER OF A CLAIM FOR COMPENSATION PRESENTED
BY CANADA TO THE SOVIET UNION FOR DAMAGES INCURRED
AS A RESULT OF THE INTRUSION ON CANADIAN TERRITORY
ON JANUARY 24, 1978 OF THE COSMOS 954 SATELLITE
LAUNCHED BY THE SOVIET UNION

AFFIDAVIT OF ELIZABETH STRINGER

I, Elizabeth Stringer, of the City of Ottawa,
of the Province of Ontario, public servant, MAKE OATH
AND SAY AS FOLLOWS:

1. I am employed in the position of Administrative
Officer in the Radiation Protection Bureau, Department of
National Health and Welfare of the Government of Canada
and as such I have knowledge of the matters hereinafter
deposed.

2. In that position my regular duties include: being
aware of expenditures incurred by the Radiation Protection
Bureau; being shown the invoices and other business records
which document the amounts owed for services and materials
rendered to the Radiation Protection Bureau; being responsible
for the necessary steps to determine if these invoices and
business records accurately reflect the amounts owed for
services and materials rendered to the Radiation Protection
Bureau.

3. Between January 24, 1978 and April 20, 1978 the
Department was actively involved in the search and recovery

562

- 2 -

operation for the debris from the Cosmos 954 Satellite. I am informed by Dr. H. Taniguchi, Chief, Environmental Radiation Hazards Division, Radiation Protection Bureau, and I verily believe that: on January 24, 1978, the Radiation Protection Bureau activated its National Radio-activity Monitoring Network, consisting of 24 air sampling stations, to collect daily samples of particulate matter in air. These samples were air-expressed to the Ottawa Laboratory to analyse for any radioactivity which may have resulted from the re-entry into the atmosphere of COSMOS 954. This search for radioactive material continued for 21 days. In addition, a new air sampling station was established at Hay River.

From the outset of the search and recovery operations, the Radiation Protection Bureau supplied radiation dosimeters to the Department of National Defence and the Atomic Energy Control Board. This monitoring of personal exposure to radiation was essential for the safety of the personnel engaged in the search and recovery. In addition to monitoring for external radiation, urine samples from these personnel were analysed for internal exposure to radioactivity.

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When finely divided radioactive particles were found south of Great Slave Lake, it became essential to determine the level of radioactivity present in snow, soil and water samples obtained from inhabited areas. A technician from the Radiation Protection Bureau was sent to Hay River, Pine Point and Yellowknife to collect the necessary samples. The samples were subsequently analysed for radioactivity in the laboratories in Ottawa.

As these radioactive particles could be ingested accidentally and could affect the drinking water supply, it was essential to characterize their radiological properties, to estimate their behaviour if ingested and to determine their solubility in ground water. These laboratory studies were carried out in Ottawa.

4. The total amount spent by the Radiation Protection Bureau to April 20, 1978 inclusive in the search and recovery operation was \$18,031.11 dollars. These expenditures were incurred for the following goods and services:

COSMOS 954 - Expenses from January 24 to April 20, 1978

Costs presented here are those incurred during the period from January 24 to April 20, 1978 by the Radiation Protection Bureau for the analyses of samples of soil, air, snow and radioactive particles collected for investigation as a result of COSMOS 954.

Travel

Cost of return travel from Ottawa to Edmonton, Hay River and Yellowknife and for accommodation on site are detailed in Annex I. Annex I(a) lists overtime expended.

Transportation of Equipment

Costs of shipping equipment to the field are listed in Annex II. These costs include transporting a survey meter, an air monitoring pump, motor and shelter to Hay River, N.W.T.

Transportation of Air, Water, Snow and Soil Samples

Costs for shipping samples from 24 air sampling stations across Canada to the Radiation Protection Bureau, Ottawa, for analyses as outlined in Annex III. Samples of snow, soil and water were also shipped from Hay River.

Materials and Supplies

Included here in Annex IV are materials and supplies purchased to ensure positive identification of samples shipped and/or taken from sampling stations and correct and accurate analyses of samples at the Radiation Protection Bureau, Ottawa.

Equipment

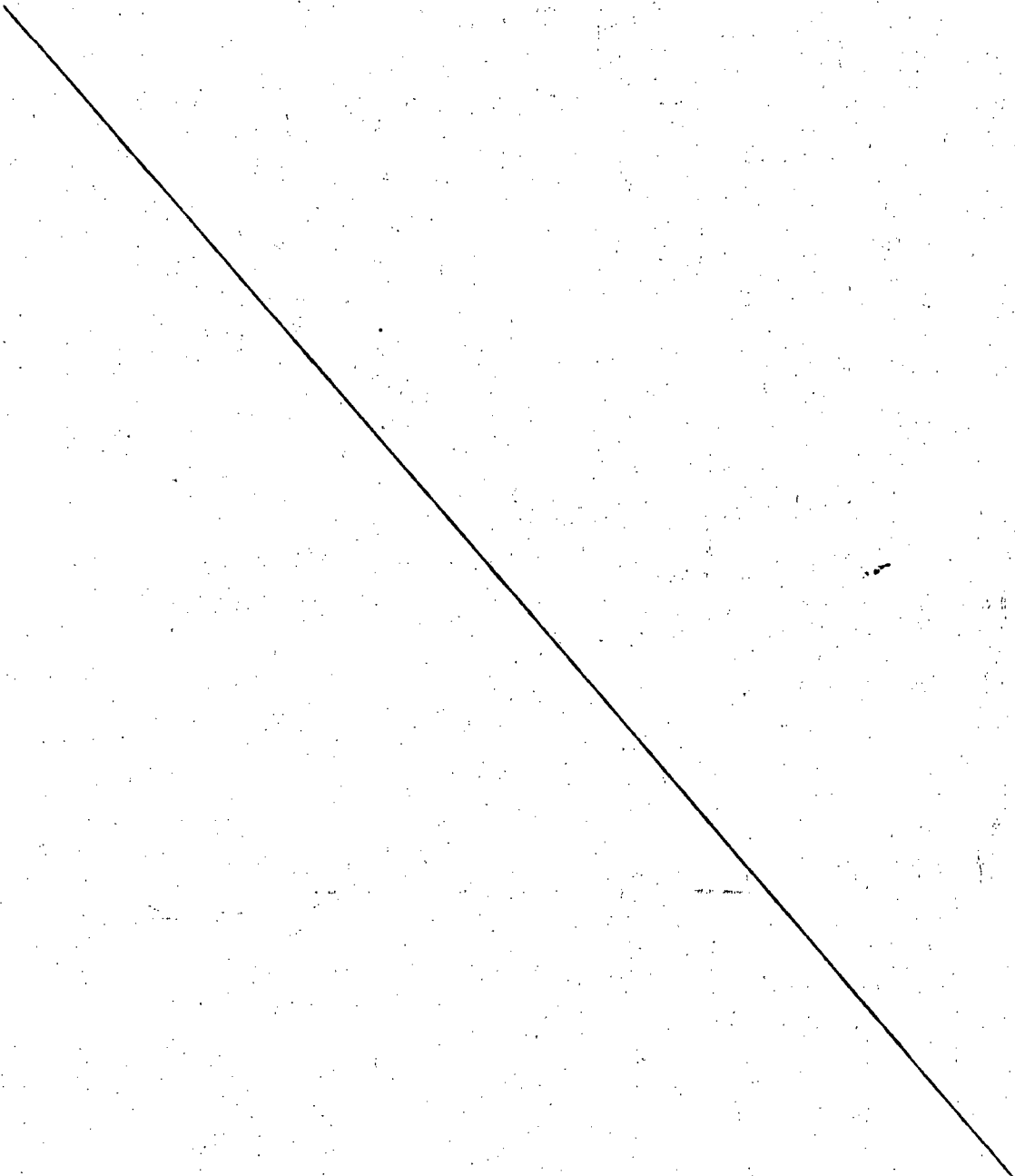
Cost of equipment and approved containers for collecting samples of air, water, snow and soil at Hay River and Yellowknife for analyses at the Radiation Protection Bureau are listed in Annex V.

Laboratory Analyses and Instrument Use

A cost of \$50.00 per sample has been assigned for laboratory instrument time and depreciation, use of laboratory facilities and laboratory materials not specifically allocated in Annexes IV and V. The cost of these analyses is shown in Annex VI.

Salaries

Regular salary costs representing 130 man days are listed in Annex VII.



COSMOS 954 Expenses from Jan. 24-Apr. 20, 1978

Summary of Costs

| | | | |
|-------------|--------------------------------------|-----------|--------------------|
| Annex I | Travel | Sub-Total | \$ 981.75 |
| Ia | Overtime | " | 390.00 |
| Annex II | Transportation (equipment) | | 159.32 |
| Annex III | Transportation (samples) | | 1564.95 |
| Annex IV | Materials & Supplies | | 324.04 |
| Annex V | Equipment | | 489.05 |
| Annex VI | Laboratory Analyses & Instrument Use | | 4850.00 |
| Annex VII | Salaries | | 9272.00 |
| TOTAL CLAIM | | | <u>\$18,031.11</u> |

ANNEX I

TRAVEL (Ottawa to Edmonton, Hay River, Yellowknife and return)

The total cost for the Radiation Protection Bureau to maintain one (1) employee for the period March 14 to March 20, 1978 was \$981.75.

Details are as follows:

| | |
|---|-----------------|
| Airfare via Air Canada & Pacific Western | \$557.25 |
| Accommodation - Edmonton Inn, Caribou Motor Inn, Yellowknife Inn | 139.00 |
| Meals & Incidental Expenses | 122.10 |
| Transportation & Shipping Charges | 163.40 |
| SUB TOTAL | <u>\$981.75</u> |

ANNEX I(a)

Overtime

6 man days @ \$65 per day = \$390.00

368

COSMOS 954 Expenses from Jan. 24-Apr. 20, 1978

Annex II Transportation (Equipment)

| Name of Supplier | Product or Services Supplied | Date Paid | Amount |
|------------------|--|-----------|----------|
| Expidair | Charge for shipment of equipment (survey meter) | 10/3/78 | \$ 55.00 |
| Air Canada Cargo | Charge for shipment of equipment (shelter, pump & motor) | 15/3/78 | 104.32 |
| Sub Total | | | \$159.32 |

369

COSMOS 954 Expenses from Jan. 24-Apr. 20, 1978

Annex III Transportation (Samples)

| Name of Supplier | Product or Service Supplied | Date Paid | Amount |
|---------------------|--|-----------------|-----------|
| CP Air | Charges for transportation of samples from sampling stations to RPB for analysis | Jan. 24-Apr. 20 | \$1420.45 |
| Pacific Western Air | Charges for transportation of samples from sampling stations to RPB for analysis | Jan. 24-Apr. 20 | 85.50 |
| Transair | Charges for transportation of samples from sampling stations to RPB for analysis | Jan. 24-Apr. 20 | 59.00 |
| Sub Total | | | \$1564.95 |

COSMOS 954 Expenses from Jan. 24-Apr. 20, 1978

Annex IV Materials and Supplies

| Name of Supplier | Product or Service Supplied | Date Paid | Amount |
|------------------|---|-----------|----------|
| Canus Plastics | Metal cans with lids | 22/3/78 | \$30.00 |
| Canus Plastics | 3 gallon pails | 11/3/78 | 51.84 |
| Canus Plastics | Acrylic tubing | 11/3/78 | 8.56 |
| Dept'l Stores | Cards for 24 stations for 21 days | 29/3/78 | 20.16 |
| | Reply envelopes for 24 stations for 21 days | 29/3/78 | 20.16 |
| | Containers with caps | 10/3/78 | 6.48 |
| | Kimwipes, tags | 14/3/78 | 6.40 |
| | Glass filters | 6/3/78 | 18.00 |
| | Reagents (Scintillator Solution) | 6/3/78 | 60.00 |
| | Sampling bottles | 6/3/78 | 10.00 |
| | Vials | 6/3/78 | 4.00 |
| | Glass filters | 7/2/78 | 88.44 |
| Sub Total | | | \$324.04 |

COSMOS 954 Expenses from Jan. 24-Apr. 20, 1978

Annex V Equipment

| Name of Supplier | Product on Service Supplied | Date Paid | Amount |
|------------------|-----------------------------|-----------|-----------------|
| Dept's Stores | Vacuum Pump | 6/3/78 | \$369.00 |
| | 1/2 H.P. motor | 6/3/78 | 100.00 |
| | Vacuum gauge | 6/3/78 | 7.50 |
| | Vacuum belt | 6/3/78 | 1.09 |
| Beaver Lumber | Plywood and nails | 11/3/78 | 8.17 |
| | Plumbers tape & film | 15/3/78 | 3.29 |
| Sub Total | | | <u>\$489.05</u> |

ANNEX VI

Laboratory Analyses and Instrument Use

| | |
|--|-----------|
| Gamma spectrometric analyses of air filters | \$2100.00 |
| Gamma spectrometric analyses of precipitation | 250.00 |
| Study of solubility of particles | 1000.00 |
| Liquid scintillation counting and gamma spectroscopy | 1500.00 |
| | <hr/> |
| SUB-TOTAL | \$4850.00 |

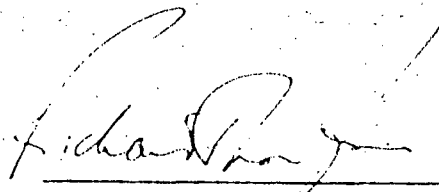
ANNEX VII

SALARIES

| <u>Nature of Investigation</u> | <u>Man Days</u> | <u>Salary</u> |
|--------------------------------|-----------------|---------------|
| Environmental Monitoring | 48 | 3115 |
| Solubility Studies | 14 | 1010 |
| Bio-assay | 11 | 807 |
| Film Monitoring | 22 | 1100 |
| Co-ordination & Management | 35 | 3240 |
| | | |
| TOTAL | 130 | 9272 |

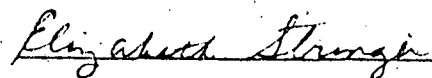
5. The accounts, vouchers, receipts and other records relating to these expenses are in my control at the City of Ottawa.

SWORN BEFORE ME IN THE CITY OF)
OTTAWA, IN THE REGIONAL)
MUNICIPALITY OF OTTAWA-)
CARLETON THIS 28th DAY OF)
SEPTEMBER, A.D. 1978.)



A Commissioner etc.

*my Commission expires
6 December 1980*



FILE
DOSSIER
SUBJECT
SUIET
GS-785-47
COSTS INCURRED BY FEDERAL DEPTS.
RE COSMOS 954 INCIDENT
VOLUME
2
CGSB 40 - 3
7690-21-849-8686

82-03-31

~~81-03-31~~