



Office of the City Clerk

City Hall
121 N. LaSalle St.
Room 107
Chicago, IL 60602
www.chicityclerk.com

Legislation Details (With Text)

File #: Or2013-258
Type: Order **Status:** Passed
File created: 5/8/2013 **In control:** City Council
Final action: 5/8/2013
Title: Payment of hospital and medical expenses of Police Officers and Firefighters - Regular Orders - all amounts
Sponsors: Burke, Edward M.
Indexes: Police Officer/Firefighter Injuries
Attachments: 1. Or2013-258.pdf

Date	Ver.	Action By	Action	Result
5/8/2013		City Council	Passed	Pass
4/10/2013		City Council	Passed	Pass
4/8/2013	1	Committee on Finance	Direct Introduction	
4/8/2013	1	Committee on Finance	Recommended to Pass	

Chicago. May , „8_A. 201 3

> the President of the City Council:

Your Committee on Finance. Which has given consideration, for Hospitals, •idical and Nursing Services rendered injured members of the Police and or/ le Fire Department.

aving had the same under advisement, begs leave to report and recommend that our Honorable Body pass the proposed Orders transmitted herewith:

'his recommendation was concurred in by (a vica voca vote of
:he) members of the Coitimittee (with dissenting vote(s)).

Respectfully submitted

(Signed)

Chairman

FINANCE MEETNG OF MAY 8, 2013

HOSPITAL AND MEDICAL ESPENSES OF INJURED POLICE
OFFICERS AND FIREFIGHTERS

Submitted herewith are payments covering hospital and medical expenses of the Police and/or the Fire Departments, injured in their performance of Duty which have been approved by the respective Departments.

POLICE "B"-- 50-- \$30,114.03

J;A"-.927 :!■■-' -\$882,500.61.

FIRE "B"~ 1-- \$112.55

"A"-- 308-- \$451,465.42

O'HARE "B"- 0-- \$0

"A"-- 0-- \$0

Total Amount Involved 1286

ORDERED, That the City Comptroller is authorized and directed to issue payments in conformity with the schedule herein set forth, to physicians, hospitals, nurses or other individuals, in settlement for hospital, medical and nursing services rendered to the injured members of the Police Department and/or the Fire Department herein named. The payment of any of these bills shall not be construed as an approval of any previous claims pending or future claims for expenses or benefits on account of any alleged injury to the individuals named. The total amount of said claims is set opposite the names of the injured members of the Police Department and/or the Fire Department, and payments are to be drawn in favor of the proper claimants and charged to the following Account Numbers: 100-57-2005-0937; 610-57-4415-0937; 740-57-4415-0937; 100-59-2005-0937; 610-59-4415-0937; and 740-59-4415-0937.

ro -> ->
ro ro ro ro
cn cn ui
co cd ro
o ro ro
J J <> MN
o o Zc ro ro
O
_k _k CD
-otocoGorococococarorococoto

g ro
ro |o ro ro

-> -> ro ro
o fo o
co
O
o o

-1 TI
> >
i f.
co cn zc zc

< < <
ZK ZK
m m
Z Z

I
za m z o m
r r-cn cn zc zc

Za
^ Zlx - Za

> >
Zc Zc

II
m m
Z Z
o o
m m

t) -
ri 5
t m z

>
za o
j5s

c_o
o

zk m
m -jj
z zk
m m
i z

m m
oi cn

z
m o
m

t;
m m
z z
z z
m m
H -1
cn cn cn

> \$
m m z
en co jo
> z
H
X
o z -<

> >
CO w
B B
z z
z
cocoococncocSS
B B
m m
z z

O
JO ZK
a o z >

CD
a.
CO CJ CO CO CO
-ef -N1 -J FO
CJ FO
CO 00
ro ro lo
00 CO 00

OoroOOGOOOCX3aIOOCSCBWOCB000000000000
GO 1 00 CD CD

g o

O O

O O

U
r
E

za
Q
W

o o
co co
° 5

o > za
o o
co co

o za o 7;
za > <
z
O z

m
5 I
m o
ZK <

za m o
COCOCOCOCOCOCOCOCOCOWHH

^ 5: *
e_' CD CO CO CO CD 0_ CD CD CD (0 CD

CO CO
ZK ZK
o o

GO CO
V V
Z Z
m m

QOO
< O
a

o > <

GOOOOOOOOOOOOGOGO
cn 01 co cd -*
CD CD CO co co co co cn CD
ccDCDCTJOoGororororo-^

o
o
ooooooooogogooooooooooogoo
«? ' «? ' «? •< ' «? ' <? ' >? '
00000000000000000000000000000000
00000000000000000000000000000000
o o co co CQ CQ

CO O
n

CQ
o
TI

to
_k
O

(f (f
) O)
J> CjI

k CD O
4^ 00
cn cd
co o
to to to ro ro ro

CD
ro ->
co co co co ->■
_i co co co co
_k _k _k ro _k -sJ -A
CD J+ _k
clicool-k-k-cDen rororororororo
o co
co co co o) CD CD J J ^ U U CO
o + ->+
cn co co co co
_k _ko
rororororororororororororororororo
co co co co co co co
70 m m < m W

o
x
>
73 r- m cn
to < m
70
>

to g

M

70 P
a to o o
m >
z z z z z
70 70
o < o <
> >

W CD
c m
N
2
70 >
2

C C
m -
N
< o
b •a

-l cn cn cn
x o cn cn > >
CO il ?
s s
-■ on > > 2.5
CD CD
5 ? i
o o
m m < -<
o l > m

CO 00 CO CO CD CO 00
CO 00 CO 00 CO 00 CO 00
00 00 00 00 00 ^ --4 ->1 -4 00 CO CO CO o
00 00 00 00 00 00 00 00 00 00

o
n

<? '

m c n u
w w (f l w w w w
ro o
Cfl -en
o> ro

COCOCOCDCOCDCOCOCO COLOCOCOCOCOCDCO
rorororowroMMwMroro/o~ ~

[illegible]

COCDCOCOCOCOCOCOCDCOCOCOCDCOCDCDCOCOCOCOrorOrororOrOrOrOrOrO-).

[illegible]

mm

TJ 73
o zc z
00 00 00 00 00 ^vJJ -4 -J -J CO CO CO CO CO 0J

oo oo CO
-^cccccccccccccccc
g
o o
co co co co co CD co CD CD CO

o o
g g o o
D 0 o o
g g o o
g g
O O
g g o o
g g o o
g g o o
oggggggggggggg
?'*<>? *? >?'
oooooooooooooooo
g g o o

ro ro
co N^
01 b
CftAt/yit/>tAtft/><y>t/>tft<vi<y><Atftft<y><y>t^
^j. co cn ro
co co co o -»
co co co & .-.- co co
01 co co co
o ro
01 oo CO

o
ro ro ro ro o o
oo oo oo oo Fo o
o ro
ro ro ro fo ro
S 2
0 o
to 03
1 X>
1 77
-^j ro

<Ft
> m
X o
TJ TJ
m m
Z Z
0 a
1 1
S S
O O
Z Z
7; O
I
rC 7;
o
Z
CO
OZ
HX>
a a m c
CO
7;
o
I
> rC 7;
>
Z Z
O O
TJ TJ TJ
m m m
S S s
2
CO m
TJ
O
TJ
O
CZ r O CO
c O X
Z
2
01
m TJ O
TJ O
c
rO CO c O I
• > Z Z
• >
O O Z Z C C
D O > >
O O Z Z
(Z CZ
>
I m S
CO
m
TJ TJ
O
O O O O
\$, 0
1
0 -
1 CD Z TJ
m Z a >

CO CO CO CO CO 00 CO 00 00 CO
-si _k_k

to co co co cn 00 00

000000000000000000000000 CO CO CO CO CO -J -J
CO CO CO to N3 ro

g
g o
CD cn CD cn CD cn CD ro Oi Oi ro cn cn
CO CO CO
CO CO CO
CO CO CO

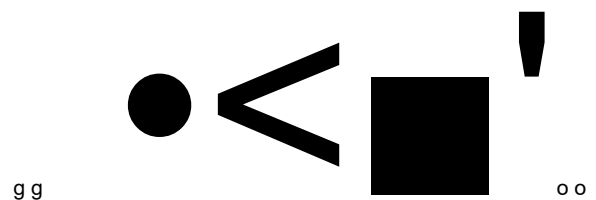
o
o
o o o o
g o Q o
oooooooooooooooooooo
-? •? >? '
oooooooooooooooooooo
o g Q O
g o o o
o g o o

g g o o

ro
h » CO
ro CD CD CO
oo CO o-k
01 cn co
CH CH CH CH CH
o Oi -» cn ro ro

CH CD OI
CO CO
o o
ro ro ro ro
co co ro ro ro
OKKCOO\CD-k
ro co co
rorororororo'roNiro'
rororococococococococo
o
co
o
co
rororororororo
rorororororororo
co co co co co co

m m TJ 73
Z > Z O
m m
N N
O I Z
73 O
m
m m > >
o'
jr.
m a



CD
TJ
CD
a

I
73 O

73
m
73 I

73
m
73
i
o a
m m m m z z

II
73 73
m m
z z
o o
m m
CD CD CD
73 73 73
m m m
z z z
=;

73 73
m m
o o
m m
CD
73
CD CD TJ TJ
m m
TJ TJ
~
z z
m m
z z z z

m
73
5 5 5 5
CD CD
TJ TJ

z z z z
m m
TJ TJ
o o m m ■
CD CD TJ TJ

z z
m m
TJ TJ
5 5
z z
m m
CD CD TJ TJ
"n -n -n »
TJ TJ TJ I

m m
TJ TJ
5 M
z z
m m
oo oo oo oo oo oo
2 s s
qocbcococococooooooooo
oooooooooooooooooooooooo

| | |
|-----------------|-----------------|
| X | l |
| o | o |
| S | S |
| $\frac{g_2}{m}$ | $\frac{g_2}{m}$ |
| TJ | TJ |
| I | S |
| $\frac{g_2}{m}$ | $\frac{g_2}{m}$ |
| TJ | TJ |
| S | S |
| TJ | TJ |
| $\frac{w}{m}$ | $\frac{CD}{m}$ |
| TJ | TJ |
| S | g |
| TJ | TJ |
| xi | O |

i. x, l l l

-k-L-acnncncncncnoi(O)

-k-k-krorororororo
CO CO CO-I-k

ill
cq' cq' cq'
£ 5!
TJ TJ
● >
CD CD
O O

● >
Z Z
CD CD
m m
rorororororororororo

NNNNNNNNN
S S
k-k-k-k-k-k-k-k-k-k
fi fi
ZK ZK -2 >3
ZK
-2
CO
CQCQCQCQCQCQCQCQCQCQ
S S
fi' fi'
3 3 3 3 TJ TJ TJ
CD CD CD CD

o •? o o

TJ
O
m>
3 1 %\$
CTJ~
ch j> ro
ro "k ro o ro
o
ro o

cocnrororororororororororo

ro to ro co co co co rororororororororo

o
CO
> >
www > > >
m ul m
ST J D
ul in
W CD
> >
in in
3 3
CD CD
CD
>
- CO 9 t=
CO CO CO CO CO CO CO CO
ro cd co > > > CO CO CO
CD CD in in in
3 3 i
S S
Z Z
S S
Z Z
o >
73

CD CD CD C3 ffl CD
0000 00 00000000GO 000000C000000000

~ ~ - | ~

000
•? k? 0?'
000

```

0
TJ
0
0000000000

```

CO CD CD CO
CQCQCQCQCQCQCQCQCQCQCQCQCQCQCQC

○○○○○○○○○○○○○○○○○○
k? -? ' k? k? k? k? C? C? ' k? ' k? k? ' C? ' k?

○○○○○○○○○○○○○○○○○○

○○○○○○○○○○○○○○○○○○

S
o'' o' o' o' o' p CD CD 0) CO 0) E0 CQ CQ CQ CQ CQ CO CQ
CQ CQ CQ CQ CQ CQ

CD CD O CD

CD CD CD CD CD CD

CD -k 00 CD
"k
b

$\begin{matrix} \text{E}^{\wedge} & \text{jy}^{\wedge} & & \text{tt}^{\wedge} \text{j}^{\wedge} & \text{f}^{\wedge} \text{jy} & (\text{J}) \\ \text{-k ro ro cd o} & & & & & \text{E}^{\wedge} & \wedge & & \wedge) & \wedge) & \wedge \text{ji} \\ \text{M} & \text{Jk CD} & & & & & & & & & \end{matrix}$

CD CD CO CO CD CO

CnCOCOCOCOCOCO-%1
rOrOrOrOrOrOrOrOr

```
Co      U IO
O O    ro ro
ro ro

          ccccccccccZcZcSooooooooooooooooooooo
ro ro ro ro->
                cccccccccccccccco
                cccccccccccccccco
```

$$x \geq$$

X

g
g o
rorooirororororororororo rocnorororororororororo

o o
g g g ooo

cd ro -k
cn cn cd cd cn

cd cd cd cd

WBCA=C4U=C4C/C4W=C4=UCAW=IA=UW=(A=Cf=U=

Ol Ol Ol-k J>Ol

ro cn cd cn

co cd ol cd
ro

ro

co co co co
ro ro ro ro ro ro to ro co
o o o o o o o
co co co co co co o
co co co ro ro ro ro ro
co =1. _k

<<< z c c m r m t < t < > >

5555

z
B B
C C
V V
V V

z V co co
S S
> > >

< <

5 \$

5 m

co

65"

co

cd

< < <

CQ

>>
Z/ZZ
a. a.

sr

> >
Z> Z3 Q. Q.

i x l i x

>
m j j m
□ >

UJ o
z z m i x

TJ
m
TJ O
S i

m
TJ
> >
TJ TJ
m m
o o
x x
TJ TJ
CO CO
o
TJ X
m m
TJ TJ

>
TJ
Z
TJ
TJ
CJ TJ >

O X
>
m

m m
5 S

S > TJ

m m
3 FJ
m m
o o

m m m m
0 o
1 I
O D

m m m m
D D
D

co
O)
CO CO CO CO CO
cn cn cn cn aj
co cn

O
O O
oooooooooooo oooooooooooooo roooooooooooooD-k enoooooooooooo

CO CO
> >
• >
TJ TJ
• CO to
in tn > >
> >
CO CO
in tn > >
>
TJ
tn tn > >
X X
Q Q
W W
CO CO
X X
Q Q
W W
co tn
XXI
ooo > > >
222 CO CO
tn tn O O
Z
_ = = = = = 11111
CTJ DO
m m
TJ TJ
CD CD CTJ
m m m
TJ TJ TJ
co • m
TJ
mmmmmmkkfTfrc
0 O
1 X
0 I
TJ TJ
cn cn cn OOO Z Z
TJ CO
O O
X X
TJ TJ
Z Z Z > > >
COCO
H
ZZ
>>
m 5 5 I

CO CO CO CO
Oi oo oi cn
CO CO CO
oi oi oi
CO oi
CO oi
CO oi
CO oi

oooo -a' •<■'
OOOO
OOOO
S<I' •< ■< OOOO
ooo «?'
ooo
ooo «?'

[illegible]

9

Office of the City Clerk Page 28 of 76 Printed on 4/19/2024
powered by Legistar™

m m
-i -i
X X
ZK ZK
m m
z z
z z
m m
-i -i
X X

O co

ZK ZK
m m
ZK m <
ZK ZK
m m
z z

3s

ZK ZK
m m
z z

< > z

c
C
> z z m
c/J co C C

z z m m
m m

X X
C CZ
m m
ZC X
tzz CZ
m m
ZZ I
C CZ
in in >>
in in >>

fff555

co co
> >

co ai
co ai

rororororororo

o
o
o g g g
>?' -3' 0000
g g g g >?'
0000
0 g g g

0000

-3-'

QDQQQQQQQQO

>?' «?' C? C? iEC? C?

S
co

2

to to
m E
TJ >
° T.

>

2

m

o 5

2 2 | ? 5 5

o

X

m

TJ

to to to to to to

2 2 2

O

TJ

i i x 7\$

c_*c_*c_*O

- X

m

tj

2

OOO=I

totototo

mmrn

TJ TJ TJ o

5

CO CO TJ H

m l

CO

cd

CDCCOCOCDCOCOCDCOCOCO 0)0101010)0)00010)0001

o >?' o o

3-

o o ~J -NI

CO CO CO o o

CO CO CO ^ CD

OOO >?

OOO

OOO >?'

OOO

OOO >?'

OOO

OOO

OOO

OOO

OOO

OOO

OOO

OOO

OOO

OOO

OOO

OOO

OOO

OOO

OOO

OOO

OOO

OOO

OOO

OOO

OOO

OOO

$$\begin{array}{ccccccc} \text{ro} & \text{Co} & \text{ro} & \text{cn} & & & \\ \text{O} & & & & & & \\ \text{CO} & & & & & & \\ \text{C} \text{ // } \text{C} > \text{ / } > \text{C} / \text{C} > \text{ / } \text{C} > \text{ / } \text{OOCn} \text{C} \text{ // } \text{C} > \text{ / } > \text{ / } > \text{COC} > \text{ / } \text{ // } \text{C} > \text{ / } > \text{ / } \text{C}^{\text{A}} & & & \\ & & & \text{CD} & \text{CO} & \text{CD} & \text{O1 CO} \\ & & & \text{^} & \text{CO} & \text{^} & \end{array}$$

```
CO      -k -a

co b

cn

fo
92 fo
CSOOOGG00000300000000GOGO
o ro

o ro ro
rororororoforoforororo
cn cn cn oi cn
W W M WM
co ro o o i ro ro ro o>
```

fo fo

| | |
|-----------|-----------|
| TJ | O |
| <i>Ci</i> | <i>Ci</i> |
| m | m |
| TJ | TJ |
| (fl | 01 |
| 00 | CO |
| CZ | CZ |
| CO | CO |
| > | > |

$$\overline{O} \overline{O} m m$$

TJ TJ
D D
C C
m m
TJ TJ O O m m
TJ TJ
O O n m

m rn rn m
TJ TJ TJ
ooo m m m

TJ TJ
O O
O O
C CZ
m m
TJ TJ O O m m

TJ TJ
O O m m

TJ TJ
O O
D D
CZ C
m m

TJ TJ O O
m m
O C

TJ TJ
O O
m m 2.
TJ TJ
m m

COCOCDCOCOCDCOCOCDC
0)010)00)0)0)00)

○
 ○ ○
 3°
 0) CQ ○
 ○
 ○
 ○

0000gggog000gg00g00000p0000ogg00
 QQ0QSQ0Q0Sogggggggggggggggogggggggog ^ ^Ct -7' <Z. ? -? c?" ^ c? c? c? c? c?

[illegible]

TJ O
CQ O TJ O

NOI
O) CD
CA«C/CAC/){AC/C)CfI CA(A(AC/CV)/(/>CfI
ca ca ca -» -» en OI O) O)
§ V a
CA CA CA CA {A CfI
ro -* cn O) -si o) ro ft > bi P oi

co co ro ro
00 Ol CO
co co co co co oo oo ro ro ro ro nS ro ro
wrocococococDcDCDGocococococococo^^^rotocococ»owrJWcocococo

$$\begin{array}{c} T_J > c_n \\ \pi K \\ O \\ T_J T_J \end{array}$$

m m

01 N O c_

70 0
CO
>

TJ TJ
m m
70 70
m m

TJ TJ
to to
> >

m m
NN
m < m r-< z

m m
NN
m < m
-< < z z

TJ TJ
m m
70 70
m m
N N

2 2
O O
Z Z
V V

TJ TJ
m m
70 70
m m
N N

2 2
O O
Z Z
V V

TJ TJ
m m
70 70
m m

2 2
O O
Z Z
V V

TJ TJ

2 oi
Z i
m o

>
70 H X C 70

| 5

>

>
r < z
o c o =: = cn i = ^ S =
O to m -r -r -r

TJ
X

• >
- 2
o o
• >

o
z z
co

£ £ 5 I ? 2
^1 "Z. ±1 n r\ />

TC

o
TJ
TJ o
O O
CO CO
CTJ O
TJ TJ
Z ~
a > <
CD
O O O O O O
O O O O O O
3 3 3 3 3 3
m a f 3 3 T" J?

O
TJ O C r- O CO
O Z
m
EL 2L GL EL CTJ CTJ

o. *

D. n)
t- 5

TJ
VJ
OC
2 > H X
m f
VJ VJ
CO CO
tc t;
o o
2 2
5 5
x x
m m
f f
VJ VJ
CO CO
TC TC
o o
s 2
ZC
m m
f f
VJ VJ
CO CO
O O
2 2
x x
m m
f f

CO CO
TC TC
O O
5 5 5
i x i
m m m
VJ VJ
CO CO
TC TC
O O
I I
i i
m m
f f

CO CO TC TC
O O
2 2 2

```

CD
CN
CO CN
CO cn
CO CO CO CO
OI CI CD CD
CO
at
CO O>
CO CD CO
cd cn oi
CO
OI
OI CO CO CO CO CD CD CD CD CD CD CD O) CD

```

[illegible][illegible]

q oi cn co oo s

ro ->■ o ->■ ->■ jj> oo cn oo oo
ro ro ro ro ro
ro ro ro ro

f z

3 x

g s

co co
ct ct

z > < >

> >

m co

z z

o o

5 5 5

co co c/3

co co

• ss

• zz

H -
I x

• >

m m a o

c
T J D O

o o

CT J oo

o o

CT J oo < <

oooo

o o < -<

xx o o

xx

o o

x x

o o

> >

co co

m m m m m m m m m m

H -I

> >

co co

> > x co co

o o

s s

> >

coco

ooo

>

T J T J

m z

l r r r - m m m z z

o o x l z z

m m z z z

ooooo

m m m z z z

ooo xxx z z z

CD . TJ

3 s

CD CO CD CT) CD CD

TJ TJ TJ OOO

cd cn cn cd ro ro ro

co

cd

ro

$$\begin{array}{c} \text{O} \\ \text{CD} \\ \text{to} \\ \text{O} \\ \\ \text{O} \\ \text{O} \\ \text{O CD} \\ \text{RO} \rightarrow \text{O} \end{array}$$

CJ CO CO CO

0000 0000

ro ro ro

$$V?'\quad J?'$$

○○○○○○○○○○○○○○○○○○○○○○○○○○○○
○○○○○○○○○○○○○○○○○○○○○○○○○○○○

c? >?■ <?' c? c? c? # ^ ^ ^ £

CQ CQ CQ CQ CQ CQ
O O O O O O
TJ TJ TJ TJ TJ TJ
O TJ
CQ CQ CQ

0 TJ
 D) 0) 0) 0) CD CQ CQ CQ CQ CQ
 0 TJ
 CQ CQ CQ CQ CQ CQ
 0 TJ
 CQ CQ CQ
 0 TJ

CD CD CD CD

$\frac{O_i}{L}$
 $\frac{O_i}{cn}$
 $<A \gg (ft \ CA \ <fl \ \ll \ll$

*■ $r \gg 10$ o bo oo o

CO CO

co o ro ro cn co
CACACACACACACACACACACACACACAtACACACACACACACAtA
CD CD CD ro
o £ Co 9> ro

$$\begin{array}{c} \text{CO CN} \\ \ominus \quad \begin{array}{c} \text{ro} \\ \text{O} \\ \text{—} \end{array} \gg \blacksquare \quad \begin{array}{c} \text{ro} \\ \text{O} \\ \text{—} \end{array} \ll * \\ \text{—} \quad \text{CO} \quad \text{CO} \end{array}$$

_* _k _* _fc o

ro ro ro

```

_>. 0
ro ro ro co
      oooo^cBcncnro rororororororororo
ro ro ro ro ro ro ro

```

_. to ro ro
CO
CO 01

$$ro \quad ro \rightarrow \blacksquare^*.$$

II

S 1

TJ O
O O

O o
0) CO
o TJ

g g g ooo

o
0) CO
o
TJ
ro w ro
oooo
ro ro -j.

goo ooo
ro ro o -si ci

0 Q Q g
>?'
o TJ
oooo

cQQCCocacocacacQ
oi co cn oi cn cn

0 0 0 0 >?'
o TJ
o
oooo

J. o J. -s-s
cn cji oi oi oi
o
TJ
o

0 o ->i ro ro ro
1 oi oi ro ro ro
o
TJ
o

S
ca

CD CD CD CD CD CD

^OJW_J_kCOO)^CDCO->>
ro ~w ro ^ ro cn ro cn oo cd cn
ro oo oo
CO ~->
cn *

■8

ro ro ro ro ro
-j. _k _k o

ro ro ro

cocococococorororo

torororororororororororococoooooooooooo-k ooooooooooZCoraforow
jAAAAAAAAAAAAcncncDCOCBCDCpCto

rorororororororororororo^ "

_k _>o

co- k ro ro ro ro co-o

ij O

22
OO
OC
TJ

m 2
C75 s

[illegible]

2 S
0 0
X X
- < - <
2 2
0 0
7 7
• •
• •
2 2
0 0
5
0 z
1 i
5
§ 5
z > 0 Z
< < <
Q Q
z z
2 m m
2 m m
2 m m Tj co Tj m - <
2 2
m m
m m
Tj Tj
CD DO
Tj m
m m
ZK ZK
m m
z z
z z
m m
ZK ZK
m m
z z
m m
x i x x i x
2 m m
Tj
co
Tj
Tj - <

zk zk
m m
z z
z z
m m

zk zk
m m
z z
z z
m m
2 m m TJ
m m
zk
m z z m
H X
2
m m

co > z o
TJ >
2 2
m m
m m
m m
2 2
m m
TJ TJ
m m
z o
XXXIX
- < <
CO CO

co o)
co
o>
co co co co co oi oi oi
co oi
co • co co co

p
g o
o o ro -» J> o

o
o
ooo k? k? ooo

ooo
«?' J? 0?'
ooo
oooooooooooo

ooo
g g g ooo
0 Q g g « ? ? « oooo
g g o o oooo
oooooooooooooooo

g g g «?'
2 2 2 ooo

g g g
2 2 2 ooo

v? V?


```

1      | z z
0 o
x |
z z
0      o
1      x
z z

TJTJ TJTJ TJTJ TJTJ TJTJ

O O x x
z z
```

00Z<
mm
CO CO
TJ TJ



```
CD CD CO  
ai cn Oj  
CO CD CO CO CO CD CD  
cn cn cn cn cn cn cn  
  
COCOC0-k_k_k_k  
COCDCDCOCOCDCDCOCOCOCOCDCOCO  
->joocnOj(O)OjTJcncncncn
```

co co co co co ro ro ro ro ro
co co co co co
_k _k _k _k co
ro ro ro ro co
CD co co
co co co co
coco coco coco coco
_k_n.

○○○ k? kg kg ○○○
 ○○○ kg kg kg ○○○
 ○○○ kg kg kg ○○○
 QQQ kg kg kg ○○○
 *< kg ○○○

000 k? kg000

```
0000000000000000 >?      kg eg eg kg kg' kg kg kg kg' kg' kg kg'>g
00000000000000000
0000000000000000000000000000000000000000000000000
```

O
TJ
CQ CQ CQ
O TJ
O
TJ
CQCACQCACQCACQCACQ

O
TJ
O TJ
O TJ
CQCACQCACQCACQCACQCACQCACQCACQCACQ
ILO

CDCDCDCDCDCIjCij

ce (A CA (A
ro cd ro o "ro "co co
-* -k CO CO -k
ro in
o -k -k

```
CO      cn      CO      "ro" "ro"
RO
CO
CA CA
JJk cn CO O
    CA _x_
CO      () ' - k
o o 3 3
        co co o o
rororororororororororo
ooooooooooooooooooooo *****k_k_u_k-k
cocoocococococococo-kooo
co co
ro ro ro fo
ro fo
io ro ro ro
ro ro
```

o
_k ro-k
o-vicnncn-kcoco
-k CO CO
rororororororororororo
CO CO CO CO

| | |
|-----------|-----------|
| 𐌛 | 𐌛 |
| m | m |
| 73 | 73 |
| m | m |

$$\begin{array}{cc} \text{CO} & \text{W} \\ > & > \\ \text{O}_{73} & > \end{array}$$

∞ Z
 $7s$
 m
 m
 l
 ∞ Z
 $7K$
 m

00
Z0
73 73
mm

55
> 00 cm r; Zm

$$\begin{array}{c} \text{O} \\ \text{Ti} \\ \text{m} \\ \text{N} \\ \text{O} \quad \text{O} \end{array}$$
$$\begin{array}{cc} > 5 \\ \frac{D}{m} & \frac{O}{m} \\ \frac{Z}{Z} & \frac{Z}{Z} \\ co & co \\ m & m \end{array}$$

$\begin{array}{cc} \text{Q.} & \text{Q.} \\ 25 & 3 \\ \text{CD} & 3' \\ 2 > \text{CD} \\ \text{m} & \text{C}_- \\ 73 & \text{O} \end{array}$

$$\begin{array}{l} \mathbf{P}_{\text{CTJ}} > 73 \text{ } 73 > \mathbf{Z} \\ \bullet > 2 \\ \bullet > \mathbf{ZZ} \\ \bullet > \mathbf{ZZ} \end{array}$$

• $\frac{ZZ}{pp}$
 CTJCD
 • $>$
 i i
 $\frac{Z}{Z}$ $\frac{Z}{Z}$
 $\frac{Z}{Z}$ $\frac{Z}{Z}$
 p p
 CD CD
 • $>$
 $\frac{73}{73}$ $\frac{73}{73}$
 • $>$
 Z Z
 S $>$ Z Z Z
 CD CD
 $>$
 $\frac{73}{73}$ $\frac{73}{73}$ $>$

CO CO
CN CN
COCOCOCOCOCOCOCOCOCOCOCOC CIGI-ki-sJOIaiCTJCnncOCDOCn
CO
CN
CO OI

g kg g o
o o cn j>
0 o o o o o
1 cn cn oi J> ->■
o o o o -kl -kl
o o -k o -* CD ooo)
cn cn cn cn cn cn cn cn cn cn cn r-

0 0
 g g g • - ? ' ^ ' kg=000
 0 g g g • ?
 0000
 0000 g kg- kg- kg
 0000
 0 g g g o kg' kg- kg- kg 0000
 0 TJ
 0 TJ
 000000000000

CACACQACQACQACQACQACQACQACQACQCaCQCACQACQACQACQ

$g_{k?} g_o$

$\frac{zT}{o''}$

O1 CQ

O TJ

g kg⁻¹ o o

CO CQ CQ CO CQ CQ
OTJ

O k? O O

$$\begin{array}{c} \text{CO CQ} \\ \text{O} \end{array}$$

g kg-0 0
ZT Cl'
a
CQ
o TJ

CD CD CD CD

-k 01 01
ifvvi<fiviuiLfiir>ijuiis<s>ji<ji
oi co oi ro -k co cn oi cn

oo co ro
CA CiiCii CO CA <A CA
-k -k cn -k
oi oi roo bi ch
J> op -Dk
00 b CD oi
CA CA Cii CA
oi -k oi ro

ro o c» oo co oo co ro o o o o 3 co^cocnncnncn^o rorororororororo
o -k
ro ro co
cn cn ro ro
co co co co
o ->■ -k
oj co m co ^ nj ro ro ro ro ro ooooo
to oo co o o
CO oo CO CO

2 m cn
tn > 2 cz m

7. t;
m m
z z
z z
S££I
ZD CTJ
m m
H H
X X

2 >
TJ
o

/ i

O to O *

S 5
O O 8 8
O O 5 5
P 5
P e>

CO
m

II

I< -I
z z
co co
X X
Z Z
Z Z

CTJ CTJ
70 7K
m m cn tn
70 70
TJ TJ
m m

COCOCOCOCOCOCOCOCOCOCOCOCOCOC
ocncnCT)0)cncno)0)cncncnojcn
0j^k-k-k-k-k-k-k-k-k-k-k-k-k-k-k
co cn
co cn

ro oo co oo cn cn

Q g g
k? kg
ooo
g o g g ^ ^ kg'
oooo
Q Q o kg' kg'
ooo
0 Q g k? kg' kg' ooo
0 o g g k? kg' kg' kg' oooo
Qggggggggggggggggggg kg' kg' kg' kg' kg eg kg' kg' eg' kg' kg kg kg kg' eg'
oooooooooooooooooooo
co co ro -k

```

</Wtf=WWWVWW=Sttf(AVi
ro cn
ro ro o)
ro
ts ro
ro ro ro ro ld oo cn cn ro ro ro ro ro
ro
ts
ro
ro oo oo oo oo oo oo-X
cn oo
ro
o o
oo ro
cn^cnoooooooooooo
"~ ~ ro
O ts>ro■-»■
rororococDcccccccccccccccccc

```

O
co cf
X
O >
73 O
Cl O - < <
ZZ
X
>

$\begin{matrix} m \\ cn \\ m \\ 73 \\ \square \end{matrix} > \begin{matrix} m \\ in \\ m \\ 73 \\ \triangle \end{matrix}$

I
8
x>
> > >
>
z
£ iS

z z
o o
in tn
o o

x m
v v
o o
8 8
CD CD
73 73
CD CD
CD CD
0 73 <
o v
o v
CD > 73 z
m m
v
tn
v
5 x > z z o z
v tn
o v
in l > z z o

2 2
E N E N
E N E N
c c tn in

2 2
E N E N
E N E N
c c cn cn

O
X
Z ch O z
TJ > H
O
K
O O Z Z m m
O ci > >
Q
8
3

ro ro ro nj nj
0>1i.v1..1.1.k0
O -> M M
O100000000G0 00 C0C0C0C0
NjNjNjroroNjNjNjNjNjroroNjrorororororNjro
OJC0OJC0C0rONjNjNjNjroroNjNj

l> r-m> cn
o m S m
H o
cn
ZL>
X>
CD CD m m

73 73
m m
CD o
m m
73 73
o o
73 73 CD CD
x>
TJ
..- CD m m m cn cn cn

73 73
m m
o o
m m
73 73
o n
ZK TC

CD CD m m

■n
73
m o m
73
OZK

CO 73>
X X
73 73
cn cn
O O X>><
2 6
m cn
H
O
ZZ
Z Z
73 73
cn cn
O
< l
5 a

m Z Z
π
m
l>
H
n i
QJ>
CD
X X
n o
X X
O o
1 i
CD CD

cn cn

o f
c 5.
m TJ

> 2 > z
m
x o
o o
i 73
i x
o o
1 i
TJ i
0 o

zz

0 zz zz
-i H
1 x>
x x
o o

TJ TJ
a o
n< o
z z
H -i
x x

tototocotototococococococo oooooooooojojojojojojaj
to
o)
to 0>
to
o)
co to co to to CO
oJ oJ oJ oJ o oJ

o
o o
3"
8
FO o»°
O o
3

O O Q

OOO
OOOO

oooooooooooooooooooo
oooooooooooooooooooo
oooooooooooooooooooooooooooo

<? ' >? ' *? ' •? -? <? v? ' C?

ZL ZL
CD CD TJ TJ

O O
cn cn
m m
TJ TJ
X X
CD CD TJ TJ

O O
cn cn
m m
TJ TJ
X X
CD CD
TJ TJ

O O
cn cn
m m
TJ TJ
X X

S > TJ
m tk
CD
C
N
> Z
D
|
CD CD
S S
X X o o
S S
CD CD
CD CD*

o m S m
H TJ
O

CO CO
cd cn
CO CO CT) CT)
CO CO CT) CT)
CO CO O) CT)
ro ro ro
rororororororororo

rororororororororororo
oo oo oo oo oo oo

o
3

O?
 CQ CD
 ro
 CD TJ

 g ro
 io Z:
 co CD
 fo o
 o

 -"co ro ro

 10 ro
 fo fo
 fo

 f3 fo
 J> 4^ 4^
 W W W

C D C O C O C O C O C O C O C O C O
 C O C O C O
 ro ro -X
 CO - - -

 _k o

 fo fo
 o ro ro
 O -" -v
 CO CD CD CD
 ro ro ro ro ro ro ro
 cococorocorocococococo

 CIGI >>
 X
 CD CD >>

S £ 5

mmmmrn zzz
CD CD > >

$$\nu_0 \nu_z \nu$$

- |
m TJ LTJ o
Z
TJ
Z

SD CD
TJ TJ
O Z
m cn r-TJ
J* -n
> >

$$\begin{array}{cc} \text{SD} & \text{SD} \\ \text{TJ} & \text{TJ} \\ -) & -t \\ \text{Z} & \text{Z} \\ \text{m} & \text{m} \\ \text{TJ} & \text{TJ} \\ \text{CD} & \text{CD} \end{array} > -$$

m m co co
ZK ZK

CDCDCDCDCDCDCD
m
CO
 $\frac{m}{s}$ $\frac{m}{s}$ $\frac{m}{s}$

CO CO CO
m m % %
CO CO

zk

S^r5f5f5l5f5f5l5' _ ^ m m m m m m mm
O X Z
O O x l z z
O O X X Z z
z
ooo
xxx
z z z

o o O o
5 5

o o
m TJ TJ
m m
ZK ZK

CD CD
O O
£ £

* N
2. >
m r-
ij m x
m

ZK
O O z z

ooo ooo z z

m m
NN
5! ^ 5 5! 5!

m m m
TJ
O > TJ O O
N N N
O O O
CO CO CO
m m
> 3

CD G/
Z O Z

r- m
N INI
TJ TJ
S S
TJ TJ
O O
O O

CO CO
o CD
CO CD CO CO CD CO CD Oi Oi Oi ^J ~*J
CO CO CD Cl Cq Cfl
CO CO OI OI
CD CD CD CD
CD CD
CO CD CO _k _x to
CD CD O
CO CD CD CD Oi Oi Oi CD

CO CO CO

O
o
opoo
OOOO
ooo «?' «?' OOO

m CD CZ

U
&> m m I

O CD
GZ GZ
m m
TJ TJ
m m
o o
g g
m m
Zz m m

ZZ
Zz m m

z z

z z
m m
5 5
co co m m
CD CO
m m
z z
CO CD
m m
x x i x x x x

O
TJ
CO

TJ TJ
W W
W W
z z
z z
z z

x
>

c m z
H
m
CO X
O
TJ

O O > >
O O > >

a>
5 5
H X
TJ TJ
Z Z

CD CD
CO CD
CO O)
CO O)
CO CD
CO CD
CO CD
CO
Q>

O
g o
CO CO CO O CO CD CO O CO CO CO CD

J> J>

| | |
|----|----|
| o | o |
| CZ | C |
| o | o |
| TC | TC |
| z | z |
| cn | co |
| m | m |
| co | co |
| co | co |
| o | o |
| o | CZ |
| o | n? |
| z | z |
| cn | cn |
| m | m |
| cn | cn |
| cn | cn |
| O | o |
| > | > |

$\begin{array}{cc} 0 & 0 \\ ?5 & 5 \\ Z & Z \\ cn & cn \end{array}$
 $\begin{array}{cc} m & m \\ cn & cn \\ cn & cn \end{array}$
 $\begin{array}{cc} \text{♀} & \text{♀} \\ O \text{ CZ } O & \\ TC & \\ Z \text{ cn} & \end{array}$
 $\begin{array}{cc} m & rn \\ cn & cn \\ cn & cn \end{array}$
 $\begin{array}{cc} \text{♀} & \text{♀} \\ & O \text{ CZ} \\ & \text{CD} \\ & Z \text{ } \rightarrow \\ TC \text{ Z} & \\ m \text{ -} < S \end{array}$

Z O I ✓ m

CD CD
Z Z
Z Z

o o
> > m m
o
CD CD 3. 3*

3. TI
O
o
o o
3 3 3
CO OJ OJ CO CO CO

m m CD CO DD
CD m Z
DO > CZ
m
TJ TJ
O
m
m m z z
CD CD
m m
Z Z
m m
TJ TJ
CD CO
73 O

cn cn
> >
CTJ DO
m m

5 5

tj tj 73 m m m
m m
cn cn
TJ TJ
73 73

x >

• >

• /r-
m m
x x
cn cn
z o
73

m c: CD m

cocototococococococo ooooooooooooooooooooo
CD
OO
CO CO CO
OO OO OO
CD
OO

CO CO CD CO CO CD CO CO CO CO CO CO
o o -> -> j ^ .u cn cn

O
o

C TJZ S
C O
m m

TJ

o o

z z m m

TJ TJ
O O
CO CO
m m
TJ TJ

o n

z z m m

TJ TJ
O O
CO CO
m m
TJ TJ
O O
TJ TJ
Z O
CO
m co
n n c c
TJ TJ

m m
CD CD
O O
Z Z

o o c c
TJ TJ

m m
CD CD
O O
Z Z

o o c c
TJ TJ

m m
CD CO
O O
o o c c
TJ TJ

m m
CD CD
o o c c
TJ TJ

m m
CD CO
O O
Z Z

o o c c
TJ TJ

m m
CD CD
O O
Z Z
o o c c
TJ TJ

m m
CD CD
O O
Z Z

CO CO OJ CTJ
CO CO CTJ CTJ
CO CO CD CO

O
O O
8
EQ O i

O
O 3
I

g o g g g o g >?
o o o o o o o

g g g g g g
•? eg' eg eg eg
o o o o o o

0 0 ° n _ . ?
oooo

o o o g
>' eg eg' OOOO

OOO
ooo
o o

«?'

000000000 •? eg eg' eg eg' eg' 000000000

CACACACACACffIA OO-kCO-kO-kOOOI

$$\geq \epsilon \geq 0 \text{ or } 0$$

cn co p p z z

22

XJ XJ O O
0) CO CD CD
XJ O X

>

TJ O

CO CO CO CO

TJTJ

0 O

1 >

1 TJ

1 OO

> TJ

TC O
TJ c
r-O cn
c_O I
CO CO
> >

TJ TC
9'«-
8 8

7; 7;
C_ <
0- q
1 I
2 2
CD CO > >
O

TC Z
TC TJ


8
V >
TJ TJ
TJ 73

22 O D > >
CO CO
m m
O o
TC TC
m m
TJ TJ

22 o o > >

Z2 O D > >
00 00
m m
O O
TC TC
m 73
73 73

22 o o > >
CO 00
m m
o o
TC TC
m m
TJ 73
73 73
m m
O o
TC TC
m 73
73 73

22 > >
CO CO
O O
TC TC
m m
TJ TJ

22 □ o > >
CD CD
m m
O O
TC TC
m m
73 73

22 O □ > >
CTJ
m 2
TI
O
73 p
> 2 O TJ
m
00 00
m m

O
73 p
> 2 □ TJ

5 £
2 O
m 2
CO CO

> > >
 m_z
 o m z o
 o z o
 o b
 s s s s s s
 o o m m
 5 5 5
 T_H T_H
 O O
 > > >
 2 2 2
 ? 5
 O
 H
 o o
 T_H T_H
 m m
 n o
 > > m m
 T_H H H
 c ? 5 5
 r o
 m m
 z z
 5 ?
 o o
 m m

cd co cn O)
co co
o) o)
co co
cn cn
co co
cn cn

0

0 0
000 ro ro ro
o - -

CD CD CD CO CO CD CO CO CO CO CO CO CO

0 0
ooggooggooppopoooo
222222222222222222222222 e? o? o? e? e? C? O? C?

0?' e? cf C?

CQ O
TJ O
CO O TJ O
CQ O

[illegible]

nn) tn) Jny^a nyy