

!" #&/
4;O <548G=>3> 70AB>AC20==O ?@5?0@0BC

!"#,!"
(MILISTAN MULTISYMPPTOMIC)

!::04 ;V:0@AL:>3> 70A>1C:

4VNGV @5G>28=8: 1 :0?:5B0 ?0@0F5B0<>;C 325 <3, F5B8@878=C 3V4@>E;>@84C 10 <3,
E;>@D5=V@0 45:AB@><5B>@D0=C 3V4@>1@>
4>?>28=8: :@>E<0;L :C:C@C47O=89, F5;N;>70 :@8AB0;VG=0, <5B8;?0@015= (218), ?@>?V;?0@015=
(216), <03=VN AB50@0B, B0;L.; :@5<=VN 4V>:A84 :>;>W4=89 1572>4=89, =0B@VN ;0C@8;AC;LD0B,
=0B@VN :@0E<0;L3;V:>;OB (B8?), 3V?@><5;>70, ?@>?V;5=3;V:>;L, ?>;V5B8;5=3;V:>;L 4000, B8B0=C
4V>:A84 (171)

V:0@AL:0 D>@<0. 0?:5B8, 2:@8BV >1>;>=:>N.

V;V 01><0965 1V;V >20;L=>W D>@<8, 42>>?C.;V :0?:5B8, 2:@8BV >1>;>=:>N, 7 ;V=VTN @>7;>4=>3>
1>.C.

0720 V 465==O 7002=8:0.

V;V %5;A:5@5 V0 @8B0=VO.
\$0V@D0:A %0CA 15, \$0;2C4 ;59A, >=4>=, WC1V 6AY.

0720 V 465==O 28@>1=8:V2.

1. V=4;0A %5;A:5@5 2B. B4., =4VO.
2. 5?@> \$0@<0ALNB8:0;A " ", =4VO.
Q->04, \$075-V, G.I.D.C., 04E20= AVBV 363035, !C@5=4@0=030@, C460@0B, AB., =4VO.

\$0@<0:>B5@0?52B8G=0 3@C?0.

=0;35B8:8 B0 0=B8?V@5B8:8. 0@0F5B0<>; C :><1V=0FVW 7 V=H8<8 ?@5?0@0B0<8 (70 28=OB:><
?A8E>;5?B8:V2). >4 AT! N02B 51.

0@0F5B0<>; <0T 7=51>;N20;L=V, 60@>7=86C20;L=V, ?@>B870?0;L=V 2;0AB82>ABV. 5E0=V7
7=51>;N20;L=>3> 5D5:BC ?0@0F5B0<>;C ?>2070=89 7 ?@83=VG5==O< 1V>A8=B57C
?@>AB03;0=48=V2. =3V1CNG8 F8.;>35=07C, 2V= ?5@5H:>460T CB2>@5==N ?@>AB03;0=48=V2 2 V F2,
O:V 2V4V3@0NBL 206;82C @>;L ?@8 A?@89=OBBV 1>;L>28E ?>4@07=5=L =>F8F5?B>@0<8 V
?5@540GV 71C465==O 2 &!.
0@0F5B0<>; 5D5:B82=VH5 V=3V1CT F8.;>>:A835=07C C ;;VB8=0E &! B0 7=0G=> A;01H5 □ C
?5@8D5@8G=8E B:0=8=0E. V4ACB=VABL 2?;82C ?0@0F5B0<>;C =0 A8=B57 ?@>AB03;0=48=V2 C
?5@8D5@V9=8E B:0=8=0E 7C<>2;NT 2V4ACB=VABL 9>3> =530B82=>3> 2?;82C =0 2>4=>-A>;L>289 >1
2C H;C=>2>-:8H:>2>3> B@0:BC. =B8?V@5B8G=89 5D5:B ?0@0F5B0<>;C ?>OA=NTBLAO
V=3V1C20==O< 1V>A8=B57C ?@>AB03;0=48=V2 157?>A5@54=L> C 3V?>B0;0

?>@84 □ A5;5:B82=89 0=B03>=VAB ?5@8D5@8G=8E H1-3VAB028E @5F5?B>@V2, <5B01>;VB
3V4@>:A878=C. >?5@5460T @>728B>: B0 ?>;53HCT ?5@51V3 0;5@3VG=8E @50:FV9, <0T
?@>B8A25@1V6=C B0 ?@>B85:AC40B82=C 4VN. !?@8G8=OT ?@>B80;5@3VG=C 4VN 7024O:8
V=3V1C20==N ?V7=L>W D078 <1>F8B-0:B82CNG89 D0:B>@) B0 AC1AB0=FVO . @0:B8G=> =5 G8=8BL
0=B8E>;V=5@3VG=8E B0 0=B8A5@>B>=V=>28E 5D5:BV2. <5=HCT ?@>=8:=VABL :0?V;O@V2,
?>?5@546CT @>728B>: =01@O:C B:0=8=, 7=V<0T A?0?< 3;04:8E <07V2. @0:B8G=> =5 74V9A=NT
0=B8E>;V=5@3VG=C B0 0=B8A5@>B>=V=>2C 4VN. # B5@0?52B8G=8E 4>70E =5 <0T A540B82=>W
4VW.

5:AB@><5B>@D0=C 3V4@>1@>B8:0H;L>289 70AV1, 5D5:B82=89 ?@8 =5?@>4C:B82=>=EV0;L=>W
>1>;>=:8 48E0;L=8E H;OEV2, ?V428I5==O< ?>@>30 GCB;82>ABV :0H;L>2>3> F5=B@C C 4>230AB>

%;>@D5=V@028E 1-@5F5?B>@V2 <0T ?@>B80;5@3VG=C 4VN, 7<5=HCT ?@>=8:=VABL :0?V;O@V2, 72C6CT AC48=8, CAC20T =01@O: B0 3V?5@52>W >1>;>=:8 =>A0, =>A>3;>B:8 B0 ?@840B:>28E ?07CE =>A0; 7<5=HCT O28, ?@83=VGCT A8<8 0;5@3VG=>3> @8=VBC (GE0==O, @8=>@5N, A25@1V6 >G59, =>A0, 3>@;0).

8::8:0T ?>28@065=89 A540B82=89 5D5:B.

A<>:BC20==O. VA;O 2=CB@VH=L>3> 70AB>AC20==O ?@5?0@0B H284:> B0<0965 ?>2=VABN 2A <>:BCTBLAO V7 B@02=>3> B@0:BC.

82545==O. 5@V>4 =0?V2282545==O ?0@0F5B0<>;C AB0=>28BL 1-3 3>48=8. # ?0FVT=BV2 7 F8@>7<< ?5GV=:8 ?5@V>4 =0?V2282545==O ?>4>26CTBLAO. 8@:>289 ;;V@5=A ?0@0F5B0<>;C AB0=>28BL 5 %.

82>48BLAO V7 A5G5N 3>;>2=8< G8=>< C 283;04V 3;N:C@>=V4=8E B0 AC;LD0B=8E :>=N30BV2. VA;O >4=>@07>2>3> 2=CB@VH=L>3> 70AB>AC20==O F5B8@878=C 3V4@>E;>@84C ?5@V>4 =0?V2282545==O AB0=>28BL ?@81;87=> 10 3>48=, 2/3 ?@5?0@0BC 282>48BLAO C =57

10 % □ 7 :0;>28<8 <0A0<8. !8AB5<=89 ;;V@5=A □ 53 <;/E2. 5@V>4 =0?V2282545==O 45:AB@><5B>@D0=C 3V4@>1@>28BL ?@81;87=> 4 3>48=8, ?@5?0@0B 282>48BLAO G5@57 =8@:8 C =57

>:070==O 4;O 70AB>AC20==O.

!8<0B8G=5 ;V:C20==O 3@8?C B0 V=H8E 3>AB@8E @5A?V@0B>@=>-2V@CA=8E V=D5:FV9, I> AC?@>2>46CNBLAO ACE8< ?>4@07=NNG8< :0H;5<, ?V428I5==O< B5;5< C <O70E V AC3;>10E, 3>;>2=8< 1>;5<, 70::045==O< =>A0, =568B5<, A;L>7>B5G5N; C B>2>46CNBLAO 0;5@3VTN.

@>B8?>:070==O.

V428I5=0 GCB;82VABL 4> :>=5=BV2 ?@5?0@0BC, 4> 3V4@>:A878=C 01> 4> 1C4L-O:>3> ?>EV4=>3> ?V?5@078=C, V=H8E 0=B83VAB0@CH5==O DC=:FVW ?5GV=:8, =8@>:, 2@>465=0 3V?5@1V;V@C1V=5 7>-6-D>AD0B453V4@>35=078, 0;>3>;V7<, 70E2>@N20==O :@>2V, 28@065=0 0=5?5=VO, 3V?>:>03C;OFVO, 70:@8B>:CB>20 3;0C:><0, @878: 70B@8@N20==O<8 C@5B@8 B0 ?@>AB0B8, >1AB@C:FVO H89:8 A5G>2>3> @>4C>45=0;L=89 AB5=>7, =5?@>EV4=VABL :8H5G=8:C, 206:89 ?5@51V3 3V?5@B>=VG=>W E2>@>18, 70E2>@N20==O :>@>=0@=8E 0@B5@V9 A5@FO, 0@8B289 4V015B, 5?V;5?AVO; 3V?5@B8@5>7, ?0FVT=B0< 7 @878:>< 28=8:=5==O 48E0;L=>W =54>AB0B=>ABV. 5 70AB>A>2C20B8 @07<< 7 V=3V1VB>@0<8 <=>0:A84078 () B0 ?@>BO3<< 2 B86=V2 ?VA;O ?@8?8=5==O 70AB>AC20==O V=3V1VB>@V2, 0=B845?@5A0=BV2 7V 72>@>B=8< =59@>=0;L=8< 70E>;5==O< A5@>B>=V=C (D;C>:A5B8=, ?0@>:A5B8=).

0;56=V 70E>48 157?5:8 ?@8 70AB>AC20==V.

5>1EV4=> ?>@048B8AO 7 ;V:0@5< AB>A>2=> <>6;82>ABV 70AB>AC20==O ?@5?0@0BC ?0FVT=B0< 7 ?>@CH5==O<8 DC=:FVW =8@>: V ?5GV=:8.

0FVT=B0< 7 3;CB0BV=>=>2>N :0E5:AVTN, B0:8<8 O: A5?A8A, O:V ?@89<0NBL ?0@0F5B0<>; <>65 ?V428I8B8AO @878: 28=8:=5==O <5B01>;VG=>3> 0F84>7C. !8<0<8 <5B01>;VG=>3> 0F84>7C T 3;81>:5, ?@8A:>@5=5 G8 70B@C4=5=5 48E0==O, =C4>B0, 1;N20==O, 2B@0B0 0?5B8BC. 5@54 ?>G0B:<< 70AB>AC20==O ?0FVT=B0< 7 B06:8<8 V=D5:FVO<8, O:V ?V428ICNBL @878: <5B01>;VG=>3> 0F84>7C, A;V4 725@=CB8AO 4> ;V:0@O.

!;V4 2@0E>2C20B8, I> C E2>@8E =0 0;>3>;L=V =5F8@>B8G=V C@065==O ?5GV=:8 71V;LHCTBLAO @878: 35?0B>B>:A8G=>W 4VW ?0@0F5B0<>;C; ?@5?0@0B <>65 ??;820B8 =0 @57C;LB0B8 ;01>@0B>@=8E 4>A;V465=L I>4> 22V 3;N:>78 B0 A5G>2>W :8A;>B8.

0FVT=B0< A;V4 ?@>:=AC;LBC20B8AO 7 ;V:0@5<, O:I> 2>=8 2V4GC20NBL 1V;L ?@8 0@B@8B0E ;53:>W D>@<8 B0 T =5>1EV4=VABL ?@89<0B8 0=0;35B8:8 :>65= 45=L.

>15@56=VABN ?@87=0G0B8 ?@5?0@0B ?0FVT=B0< ;VB=L>3> 2V:C, ?0FVT=B0<, C O:8E VA=CT @878: 28=8:=5==O AC4><=8E =0?04V2, ?0FVT=B0< 7 1@>=EV0;L=>N 0AB<>N, ?5@A8ABCNG8< G8 E@>=VG=8< :0H;5<, O:89 28=8:0T 2=0A;V4> :C@V==O, 0AB<8 G8 5AC20==V =5>1EV4=>

:>=B@>;N20B8 DC=:FVN ?5GV=:8, =8@>:, AB0= :@>2>B2>@=>W A8AB5<8. !:I> A8<8 =5 7=8:0NBL, A;V4 725@=CB8AO 4> ;V:0@O.

V4 G0A ;V:C20==O =5 26820B8 A540B82=V ?@5?0@0B8 (>A>1;82> 10@1VBC@0B8), I> ?V428ICNBL A540B82=C 4VN 0=B83VAB0@D5=V@0

/:I> 70E2>@N20==O 28::8:0=5 10:B5@V0;L=>N V=D5:FVTN, @5:><5=4CTBLAO ?0@0;5;L=5 ;V:C20==O 0=B81V>B8:0<8.

/:I> ?V4 G0A 70AB>AC20==O ?@5?0@0BC V;VAB0= ?@5?0@0B ?>B@V1=> =5309=> 2V4

@8 28=8:=5==V H:V@=8E 28A8?0=L 70AB>AC20==O ?@5?0@0BC A;V4 ?@8?8=8B8.

15@V30B8 ?@5?0@0B ?>70 ?>;5< 7>@C B0 C =54>ABC?=>

V4 G0A 70AB>AC20==O ?@5?0@0BC 701>@>=OTBLAO 26820B8 0;:>3>;L!

A>1;82V 70AB5@565==O.

0AB>AC20==O C ?5@V>4 203VB=>ABV 01> 3>4C20==O 3@C44N.

5 A;V4 70AB>A>2C20B8 ?@5?0@0B C ?5@V>4 203VB=>ABV. 060=> CB@8<0B8AO 2V4

70AB>AC20==O ?@5?0@0BC C ?5@V>4 3>4C20==O 3@C44N 01> A;V4 28@VH8B8 ?8B0==O ?@>

?@8?8=5==O 3>4C20==O 3@C44N, O:I> 28=8::0 =5>1EV4=VABL C 70AB>AC20==V ?@5?0@0BC.

40B=VABL 2?;820B8 =0 H284:VABL @50:FVW ?@8 :5@C20==V 02B>B@0=A?>@B< 01> @>1>BV 7 V=H8<8 <5E0=V7<0<8.

@07V 28=8:=5==O =52@>;>3VG=8E @>7;04V2 (A=>;82VABL, 70?0<>@>G5==O, ?>@CH5==O 7>@C) =5>1EV4=> CB@8<0B8AL 2V4 :5@C20==O 02B>B@0=A?>@B< 01> @>1>B8 7 V=H8<8 <5E0=V7<0<8.

VB8.

@>B8?>:070=89 4VBO< 4> 12 @>:V2.

!>AV1 70AB>AC20==O B0 4>78.

>@>A;8< B0 4VBO< 2V:>< AB0@H5 12 @>:V2 ?@5?0@0B 70AB>A>2C20B8 2=CB@VH=L> ?> 1 :0?;5BV 1 @07 =0 4>1C. 0:A8<0;L=0 B@820;VABL ;V:C20==O 5-7 4V1.

0:A8<0;L=89 B5@AC20==O 4;O 4VB59 157 :>=AC;LB0FVW ;V:0@O 3 4=V.

%2>@8< 7 ?> 28@065=>N D>@<N =8@>:2>W =54>AB0B=>ABV ?@5?0@0B 70AB>A>2C20B8 C ?>;>28==V9 4>7V.

;O E2>@8E ;VB=L>3> 2V:C 7 =>@<0;L=>N DC=:FVTN =8@>: :>@5:FVO 4>78 =5 ?>B@V1=0.

5@54>7C20==O.

/:I> 8 ?@89=O;8 1V;LH5 @5:><5=4>20=>W 4>78, =5309=> 725@=VBLAO 4> ;V:0@O, G5@57 @878: C@065==O ?5GV=:8.

#@065==O ?5GV=:8 <>6;825 C 4>@>A;8E, O:V ?@89=O;8 10 3 V 1V;LH5 ?0@0F5B0<>;C, B0 C 4VB59, O:V ?@89=O;8 1V;LH5 150 <3/:3 <0A8 BV;0. # ?0FVT=V2 7 D0:B>@0<8 @878:C (B@820;5 ;V:C20==O

:0@10<075?V=><, D5=>10@1VB>=><, D5=VB>W=><, ?@8=><, @8D0<, 72V@>1>T< 01> V=H8<8

;V:0@AL:8<8 70A>10<8, I> V=4C:CNBL D5@<5=B8 ?5GV=:8; @53C;O@=5 26820==O =04AB59 5B0=>;C; 3;CB0BV=>=>20 :0E5:AVO (@>7;048 B@02;5==O, 2VAF84>7, -V=D5:FVO, 3>;>4, :0E5:AVO)

70AB>AC20==O 5 3 01> 1V;LH5 ?0@0F5B0<>;C <>65 ?@8725AB8 4> C@065==O ?5GV=:8.

!8<8 ?5@54>7C20==O C ?5@HV 24 3>48=8: 1;V4VABL, =C4>B0, 1;N20==O, 2B@0B0 0?5B8BC B0 014> 78 B0 <5B01>;VG=89 0F84>7.

@8 BO6:>B@CT==V ?5GV=:>20 =54>AB0B=VABL <>65 ?@>3@5AC20B8 2 5=F5D0;>?0BVN,

:@>2>28;828, 3V?>3;V:5. >AB@0 =8@>:20 =54>AB0B=VABL 7 3>AB@8<=5:@>7<< :0=0;LFV2 <>65

?@>02;OB8AO A8;L=8< 1>;5< C 4V;O=FV ?>?5@5:C, 35<0BC@VTN, ?@>B5W=C@VTN V

@>728=CB8AO =02VBL ?@8 2V4ACB=>ABV BO6:>3> C@065==O ?5GV=:8.

=H8<8 A8<0<8 ?5@54>7C20==O <>6CBL 1CB8 =8@>:20 :>;V:0, V=B5@AB8FV0;L=89 =5D@8B,

?0?V;O@=89 =5:@>7; 70B@828?CA:0==O, A5@F520 0@8BB0EV:0@4VO, B0EV?=>5, ?0=:@50B8B, 70?0

<>@>G5==O, 3>;>2=89 1V;L, ?>@CH5==O A=C, A=>;82VABL, B@5<>@, ?A8E<>B>@=5 71C465==O,

?>@CH5==O >@VT=B0FVW; 28A8?0==O, A25@1V6, A?;CB0=VABL A2V4<>ABV, ?V428I5=0 2B>

<;N20=VABL, =574C60==O, :V9, A540B82=89 5D5:B, ABC?>@, ?@83=VG5==O 48E0==O, 48?;>?VO,

0B0:AVO, AC4<8, 35?0B>=5:@>7.

@8 B@820;>AC20==V ?@5?0@0BC C 25;8:8E 4>70E 7 1>:C >@30=V2 :@>2>B2>@5==O <>65

@>728=CB8AL 0?;0AB8G=0 0=5?5=VO, 03@0=C;>F8B>7, =59B@>?5=VO, ;59:>?5=VO, B@>

<1>F8B>?5=VO.

V:C20==O. @8 ?5@54>7C20==V =5>1EV4=0 H284:0 <548G=0 4>?><>30. ;O =040==O H284:>W
<548G=>W 4>?><>38 ?0FVT=B0 A;V4 =5309=> 4>AB028B8 C ;V:0@=N, =02VBL O:I> 2V4ACB=V
@0==V A8<8 ?5@54>7C20==O. !8<8 <>6CBL 1CB8 >1<565=V =C4>B>N B0 1;N20==O< 01> <>6CBL =5
2V4>1@060B8 BO6:>ABV ?5@54>7C20==O G8 @878:C C@065==O >@30=V2.
/I: =0470 ?@5?0@0BC 1C;0 ?@89=OB0 C <560E 1 3>48=8, A;V4 @>73;O=CB8 ;V:C20==O 0:B82>20=8<
2C3V;;O=F5=B@0FVN ?0@0F5B0<>;C C ?;072V A;V4 2848=8 01> ?V7=VH5 ?VA;O ?@89> (1V;LH
@0==V :=F5=B@0FVW T =54>AB>2V@=8<8). V:C20==O
N-0F5B8;F8AB5W=><< <>6=0 70AB>A>2C20B8 ?@>BO3>< 24 3>48= ?VA;O ?@89>3> 70AB>AC20==V
?@>BO3>< 8 3>48= ?VA;O ?@89>
D5:B82=VABL 0=B84>BC @V7:> 7=86CTBLAO ?VA;O FL>3> G0AC. # @07V =5>1EV4=>ABV
?0FVT=BC 2=CB@VH=L>25==> 22>4OBL N-0F5B8;F8AB5W= 73V4=> 7V 2AB0=>2;5=8< ?5@5;V:>
4>7. @8 2V4ACB=>ABV 1;N20==O <>6=0 70AB>A>2C20B8 ?5@>@0;L=> <5BV>=V= O: 2V4?>2V4=C
0;LB5@=0B82C C 2V440;5=8E @09>=0E ?>70 ;V:0@=5N.
@V< 28I5707=0G5=>3>, @5:><5=4CTBLAO ?@>2>48B8 A8<0B8G=C 01> ?V4B@8

>1VG=V 5D5:B8.

I>:C H:V@8 B0 ?V4H:V@=>W ;:VB:>28=8: H:V@=V 28A8?0==O, 2;:NG0NG8 35=5@0;V7>20=V, ?;O
<8AB>?0?C;L>7=V, 5@8B5<0B>7=V, :@>?82O=:0, 28A8?8 =0 A;87>28E, 3V?5@5=52@>B8G=89 =01@O.;
@<=0 5:AC40B82=0 5@8B5<0, A8=4@<< !BV25=A0-6>=A>=0, B>:A8G=89 5?V45@<0;L=89 =5:@>;V7,
ABV9:0 <548:0<5=B>7=0 5@8B5<0, AC48==89 =01@O.:
I>:C VW A8AB5<8: @50:FVW 3V?5@GCB;82>ABV, 2;:NG0NG8 0=0DV;0:AVN, 0=0DV;0:B8G=89 H>.:
I>:C B@02=>3> B@0:BC: 48A?5?A8G=V @>7;048, =C4>B0, 1;N20==O, 1V;L C 682>BV,ACEVABL C
@>BV, 4V0@5O, 30AB@8B, ?5GVO, ?@>=>A, 70?>@, <5B5>@87
I>:C 35?0B>1V;V0@=>W A8AB5<8: ?>@CH5==O DC=:FVW ?5GV=:8, ?V428I5==O 0:B82=>ABV
«?5GV=:>28E» D5@<5=BV2 (B@0=A0W D>AD0B078, "), 3V?5@1V;V@C1V=5AC20==V, >A>1;82> C
25;8:8E 4>70E, =5 28;:NG5=0 35?0B>B>:A8G=0 4VO.
I>:C 5=4>:@8==>W A8AB5<8: 3V?>3;V:5 3V?>3;V:5W :<<8.
I>:C :@>2V B0 ;VW A8AB5<8: 0=57, 7048H:0, 1>;V 2 A5@FV), 0?;0AB8G=0 0=5F8B>7, B@>
<1>F8B>?5=VO, ;59:>?5=VO.
I>:C 48E0;L=>W A8AB5<8: D0@8=3VB, @8=VB, 1@>=E>A?07< C ?0FVT=BV2, GCB;828E 4>
0F5B8;A0;VF8;>2>W :8A;>B8 B0 4> V=H8E, 70;:045=VABL =>A0.
I>:C =5@2>2>W A8AB5<8: 70?0<>@>G5==O, 3>;>2=89 1V;L, <>6;825 ?0@04>:A0;L=0 AB8<8, @CE>2V
@>7;048, 48A3527VO, =5?@8B><=VABL, B@5<>@, ?>@CH5==O B>=CAC (48AB>=VO), 48A:V=57VO,
25@B83>, ?>@CH5==O :>>@48=0FVW, ?V428I5=0 AB<;N20=VABL, A?;CB0=VABL A2V4>>ABV,
B@82>6=VABL, 7=5@2>20=VABL, B@5<>@, 4@0BV2;82VABL, 157A>==O, 59D>@VO, ?0@5AB57VO,
472V= C 2CE0E, 3>AB@89 ;01V@8=B8B, =52@>7, =52@8B, AC4><8; A>=:;82VABL, :<0, 7254V=:8.
I>:C A5G>284V;L=>W A8AB5<8: CB@C4=5==O B0 70B@828?CA:0==O, 487C@VO, 5=C@57.
I>:C >@30=V2 7>@C: ?>@CH5==O 0:><>40FVW >:0, =5GVB:VABL 7>@C, 7=865==O 3>AB@>B8
7>@C, <8<>2V;L=V @CE8 >G=8E O1;C;: 70BC<0=5==O, 42>W==O, ?V428I5==O 2=CB@VH=L>>G=>3>
B8A:C, 1>O7=L.
A8EVG=V @>7;048: =5@2>25 71C465==O, B@82>6=VABL, 03@5AVO, A?;CB0=VABL A2V4>>ABV,
45?@5AVO, 30;NF8=0FVW, 157A>==O, A>=:;82VABL, =5@2>289 B8:.
I>:C A5@F52>-AC48==>W A8AB5<8: B0EV:0@4VO, 0@8B@5=>3> A5@F518BBO, :>;820==O
0@B5@V0;L=>3> B8A:C.
030;L=V @>7;048: 0AB5=VO, ?V428I5=0 2B><;N20=VABL, =574C60==O, =01@O.:
01>@0B>@=V 4>A;V465==O: 71V;LH5==O <0A8 BV;0.
I>:C @5?@>4C:B82=>W A8AB5<8: ?>@CH5==O <5=AB@C0;L=>3> F8;:C; VB5=FVO.
=HV: ACEVABL A;87>28E >1>;>=:, ?V428I5=0 ?VB;82VABL, 2B>;N20=VABL.
5 ?@89<09B5 ?@5?0@0B, O:I> @0=VH5 C 0A A?>AB5@V30;8AO ?>@CH5==O 48E0==O ?@8 ?@89>
2>W :8A;>B8 01> =5AB5@>W4=8E ?@>B870?0;L=8E ?@5?0@0BV2.
!;V4 =5309=> ?@8?8=8B8 ?@89>< ?@5?0@0BC B0 725@=CB8AO 4> ;V:0@O C 28?04:C 28=8=:5==O
28I5707=0G5=8E ?>1VG=8E @50:FV9, 0 B0:>6 ?@8 ?>O2V ;CI5==O =0 H:V@V, CB2>@5==O 28@07>: C
?>@>6=8=V @>B0, CB@C4=5==O 48E0==O, =01@O:C 3C1, O78:0, 3>@;0 B0 >1;8GGO, 35<0B><, :
@>2>B5GV 01> 1C4L-O:V9 V=HV9 =51060=V9 @50:FVW =0 ?@5?0@0B.

70T<>4VO 7 V=H8<8 ;V:0@AL:8<8 70A>10<8 B0 V=HV 2848 270T<>4V9.

(284:VABL 2A<>:BC20==O ?0@0F5B0<>;C <>65 71V;LHC20B8AO 7024O:8 270T<>4VW 7 <5B>;:>?@0< B0 4>=>< V 7<5=HC20B8AL □ E>;5AB8@003C;O=B=89 5D5:B 20@D0@8=C B0 V=H8E :C<0@8=V2 <>65 1CB8 ?>A8;5=89 ?@8 >4=>G0A=>23>B@820;>45==>AC20==V ?0@0F5B0<>;C, 7 ?V428I5==O< @878:C :@>2>B5GV. 5@V>48G=89 ?@89>< =5 <0T 7=0G=>3> 5D5:BC.

5@54 70AB>AC20==O< ?@5?0@0BC =5>1EV4=> ?>@048B8AO 7 ;V:0@5<, O:I> ?0FVT=B 70AB>A>2CT 20@D0@8= G8 ?>4V1=V ?@5?0@0B8, O:V <0NBL 0=B8:>03C;O=B=89 5D5:B.

0@1VBC@0B8 7<5=HCNBL 60@>7=86C20;L=89 5D5:B ?0@0F5B0<>;C.

@>B8AC4><=V ?@5?0@0B8 (2:;NG0NG8 D5=VB>W=, 10@1VBC@0B8, :0@10<075?V=),

10@1VBC@0B8, @8D0=V0784 B0 0;:>3>;L <>6CBL ?>A8;N20B8 B>:A8G=89 2?;82 ?0@0F5B0<>;C =0 ?5GV=:C. @8 >4=>G0A=>AC20==V ?0@0F5B0<>;C 7 35?0B>B>:A8G=8<8 70A>10<8 71V;LHCTBLAO B>:A8G=89 2?;82 ?@5?0@0BV2 =0 ?5GV=:C.

0@0F5B0<>; 7=86CT 5D5:B82=VABL 4VC@5B8:V2.

5 70AB>A>2C20B8 >4=>G0A=> 7 0;:>3>;5

>D5W= <>65 ?>B5=FDN20B8 7=51>;N20;L=C 4VN ?0@0F5B0<>;C.

@89>< W6V =5 7=86CT ABC?V=L 01A>@1FVW F5B8@878=C, ?@>B5 7=86CT H284:VABL 9>3> 01A>@1FVW.

70T<>4VO, A?@8G8=5=0 E;:>@D5=V@0

;:>3>;L=V =0?>W G8 ?@5?0@0B8, I> ?@83=VGCNBL F5=B@0;L=C =5@2>2C A8AB5@D5=V@0 <>65 A?@8G8=8B8 A8<8 ?5@54>7C20==O.

"@8F8.;VG=V 0=B845?@5A0=B8 G8 <0?@>B8;V= (G>B8@8F8.;VG=89 0=B845?@5A0=B) B0 V=HV ?@5?0@0B8 0=B8E>;V=5@3VG=>W 4VW: <>65 ?>A8;8B8AL 0=B8E>;V=5@3VG=0 4VO F8E ?@5?0@0BV2 G8 B0:8E 0=B83VAB01V2 O: E;:>@D5=V@01VG=8E 5D5:BV2 7 1>:C H;C=:>2>:8H:>2>3> B@0:BC ?0FVT=B0< =5>1EV4=> O:>>30 @0=VH5 725@=CB8AO 4> ;V:0@O, >A:V;L:8 F5 <>65 ?@8725AB8 4> ?0@0;VB8G=>W =5?@>EV4=>ABV :8H5G=8:C.

B>B>:A8G=V ?@5?0@0B8 <>6CBL 70<0A:C20B8 B0:V A8<8 >B>B>:A8G=>ABV O: 472V= C 2CE0E, 70?0<>@>G5==O B0 =5?@8B><=VABL.

\$>B>A5=A81V;V7CNGV ?@5?0@0B8 <>6CBL A?@8G8=8B8 ?>O2C 4>40B:>2>W

D>B>A5=A81V;V7CNG>W 4VW.

@5?0@0B =5 70AB>A>2CNBL >4=>G0A=> 7 ?@>B8:0H;L>28<8 70A>10<8, I> ?@83=VGCNBL :0H;L>289 @5D;5:A (=0?@8:;04 7 :>45W=>), >A>1;82> ?5@54 A=><1V=>20=5 70AB>AC20==O ?@5?0@0BV2 CB@C4=NT 2V4E0@:C20==O.

"5@ABV.3 @>:8.

#<>28 715@V30==O.

15@V30B8 ?@8 B5□ 2 >@83V=0;L=V9 C?0:>2FV C =54>ABC?=>

#?0:>2:0.

> 12 :0?;5B C 1;VAB5@V C :0@B>==V9 C?0:>2FV.

0B53>@VO 2V4?CA:C.

57 @5F5?B0.