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FRPSOIF && L R G S W S B W K Z D \ Q H H O D W H G 6 Z H S W F E S X U E B G H O J F R I P R J U D S K 2 Z D V X V M S D Q
RSKWKDOPRICHUJURO &OLQ 1HXURVFL D Q G D Q D P R S J K R O K F L F D D F L V F U R M V W K H L O P H D Q G
W K H H U L S D S H V Q O D I O Y) L E D N U U S 5 W J K I L C F H V V K H Q V H
, Q R S D W K Z D \ Q H H O D W H S K W G L D O H P R O R J L F K H S P R W S K K O F R H U F F D O S I G U Z L W K W I K H O K E L Y K H V O K D W
FKDUDFWHULVWLFV RI P * & & W K L F N Q H V V G H F P U L C H W S U R D Q G H G J F S K D W D H F W H R U D Q D O F] H K V D I Q H I H V U
DUH V L P L O D U W R W K D W R I Y L V X D O I L H O G . H D Q G R P U D A l a D g a n g i o v l c a l k o n g l e x t h e c c e , R n e u r e M H F W
SRVLWLRQL, Q J V D I Q D O U H E V U R V B W K R V W D I O S D W p h t a l m o l o g y , S w e d e n s e o p t i c a l c o h e r e n t g r a p h y (S S T)

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+HQFH WKH RSWLF QHUYH ILEHUV URWDWH
WKH RSWLF QHUYH DQG WKH RSWLF FKLDVP
WKURXJK WKH RSWLF FKLDVP EXW WUDYHO I

• LWK WKH GHYHORSHPQW RI RSKWKDOP L F E G B Q R V N C H W E H F K U H X P H Y U J E Z H S Y L W K F
6 R X U S H W L & F D I C H U T R P R H J U D S K 2 & 7 L V Z L G H O \ F X R V G L Q Q M E H U V D Q G H Q W H U L Q J W K H R S W L
GLDJQRVLV D R I G Q M I X H I R W P S K O W W D O R R I O V R Q K I H D S I R G U H Q W S D U W V R I R S W L F S D W K Z D \ U H O D W
S U R F K L W K U H V D Q G X Q B R Q L Q Y D @ L Y H L H L V H W K D Q G X P D Q Q L I H V D V Y L V X D O I L H O G F K D Q J H V Z
S U R Y L G H V I D Y R U D E O H F R Q G L W L R Q V I R U R E K H U Y Y L V Q D O W K H H O I E W H L C D P Q D D Q U B Q R I Q V F Y X O M H
R S V Q L F U D Y G H P D F X O D U @ D B I R D W K H S L B H Y V R X X G L Y X D O I X Q F W L R Q S V I F K R O R J L F D O I D F W R U V
I R F X R Q G R E V M U K Y L Q K R I F M K H O V R S M E O D S L U H V H Q W S D W L H Q W V 7 K H P D F X O D U U H J L R Q D F F R X
D U R X Q G B S W E F D Q G W K H W K H L J N O V D O B Q F H D U D Q Q H V K H J X O D U O \ > @ 7 K H Q R U P D O P
P D F X O D U @ D I H Z K L Q W W K D D F M W X G I V F U L E L Z K L F K K H V D \ H O O R Z U L Q J Z K L O H W K H P * & &
P R U S K R O F R D L F D O R H U L K W L F D Q J O L R Q F H O O W Z H O W K Q S B E X G G U Z D U H P D Q L I H V W H G D V D U H
+ H Q F H L Q W K H S U H V H Q W V X X G \ 6 6 2 & 7 Z P * & V L Q G O X S H I G D P L Q T X W G H D V R S D J U D R S K I F D X S
P D S R I O D F X O D U * D Q J O L R * & & H O L E S R P S W K R H L J R Q W D G H P D U F D W L R Q E L Q D V D O R U F
W R S R J P D S K R F W K H E W H U F D O R Y X G B S W E F F R I P S O H W H D W U R S K \ E \ W D N L Q J W K H P L G S H U
S U R E D R L O W W M F K D Q P * & & D W D R S K W K L Q Q L Q J L S D W H W H U Q
F R P E L Q H G Z L W K Y L V X D O I L H O G H [D P L Q D W L R Q Z H U H D G R S W H G W R D Q D O \] H W K H F K D Q J
6 6 2 8 7 L P D J L Q J S D W K Z D S U H H O D W H S K W G L D O H P R O R J L F H
D L P H G W R R E V H U Y H W K H F K D Q J H V L Q W K H R S W L F Q H U Y H R I W K H D E R Y H G L V H D V H V I U R
Q H Z P D J L Q J S H W S H O F M L S H Q W K H X R I G H W K H W D Q G L Q J
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QHUYH RSWLF FKLDVP RSWLF WUDFW RSWLF UDGLDWLRQ LQIODPPDWLRQ RI WKH FH
QHU YR X W X P P W U D X G I D H Q H U D G V E R Q G H C I O W Y D
RWKHU GLVHVDHV *DQJOLRQ FHO FRPSOH[RSWLF QHUYH LV WKH SLRWDO SDWKZD\
FRQQHFVV WKH UHWLQD DQG WKH EUDLQ > @ 7KH QHUYH FRQGXFWRQ EHJLQV LQ W
JDQJOLRQ FHO G G B P S O N [L O R D W H Q J O L R Q F H O O O D \ H U
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FULELRVD WLOO WKH RSWLF QHUYH 7KH ELODWHUDO RSWLF QHUYHV IRUP RSWLF FKL
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WKH Q H X U R V K V H * H D W F X U D O D W H X I V 7 K H V H L Q W X U Q I R U P
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\$ V W K H Q R S I S W E R W U L Q H O H D U W K H X O D U D O M U H W X Q D O 7 K H Q R U P D O P * & & U L Q J D S S H D U H G \ H
I L E H L Q \ F O X G L Q J V R K H W G D V I D O F S H O D Q V H D W H F K V H & R P P R Q D W U R S K \ I R U P V R I P * & & L Q F O X
R S W L F F K L D V P W L O O W K H F R Q W U D O D W H U P D O W U P W W D Z K U R S K W K S S H U P W W U R S K H E D V H U P
Q R W L Q W H U V H F W > @ 7 K H L Q I H U L R U U H W L Q Q Q Q H U Y H I L E H U V D U H O S B E B U L F X O B U W K H
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7KLV RSHQ DFFHVV DUWLFOH LV GLVWULEXWHG XQGHU WKH WHUPV RI WKH &UHDWLY
FUHDWLYHFRPPRQV RUJ OLFHQVHV E\ QF ZKLFK SHUPLWV UHXVH GLVWULEXWLY
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 GRPDLQ RSWLFDO FRKHUHQFH WRPRJUDSKVSHFVGHVGHGRPJDLQGRSRLQFDHOGRRKHVHQRH
 QRQ DUWHULWLF LVFKDHPLF RSWLF QHXURSDWK\ %U - 2SKWKDOPRO
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 6\F 6 6DLGKD 6 1HZVRPH 6 HW DO 2SWLFDXURFRSKWKQDPRWRPRJUDSK\
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 VFOHURVLV UHWLQDO DWURSK\ DQG LQIO\DUPLVLRQWLVGHVSHFVRLYH/IRUURVDOVH
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 DFXLW\ LQ QRQDUWHULWLF DQWHULRU LVFKHPLFO RSKHURQRVWRPRJUDSKVWRU
 2SKWKDOPRO 9LV 6FL ± 2SKWKDOPRO
 .XSHUVPLWK 0 .DUGRQ 5 'XUELQ 0 HWXFDQ & 6FDQQLQ 9DYNWVXHFL \$ HW D
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 FRKHUHQFH WRPRJUDSK\ UHYHDOHG WKLFRQVWYHFRUHUHQWV/ ZLWKDOLV
 51)/ ZLWK RSWLF QHUYH KHDG VZHOOLQJ 2SKWKDOPRO 9LV 6FL
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 .XSHUVPLWK 0- *DUYLQ 0. :DQJ -. HW DO 5HWLQDO JDQJOLRQ FHOO
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