YDVFXODU EXCEGEN EXWYDVFXODU EXCEGEN/ DUH OXPHURXV DOG FORVHOL VFDWWLHG LQ WAH SLWA LQAMLODO VA WAH HOERGHUP LAFi ? DVFXODU EXCEGEN/ DUH PRUH RU GENV URXCELUK LQ VKDSH RI VDSHLLQJ VA ROH VGHFI. DFK YDVFXODU EXCEGEN FROM WRI SKORHP DOG VFDWWLHG [\GP HOPPHOW Z KLFK DUH HOFGRVHG E\ QJ QLLHG ILEURXV VKHDWA RI 1/2 OD\HUV RI FHOOFI =KH SDUHOFK\PDVARXV FHOOY RI SLWA DUH WAQ Z DOOFG FRP SDFVDOG SROJJ RODOVA RYDOLQ VKDSH ** ORO, PRXVI 1 &&& "Fi - 8%"\$*.", 02/0824*83

2010 LV WAH VASUHPH ROH DPROJ LWY FRPLIDGH GUXI V XVHG LQ UHASILLDVRUX DLOPHOWYF120WDV EHHQ SUDLVHG E\ WAH SK\VERDOV/RI DOD WIPHV DV D aSDODFHD` DOG LV EURDGOL XVHG LQ D KXJ H OXPEHURI GLIDVHVF1

- LRVFRUGHM FLVHG E \

PHMARGFI=KH VAFFHMUYH H[WUDFUYH YDOXH RISRZGHU GUXI LQ 9HMUROPKP HMXHU *#L/%L R, 1 - L/HMXO HMXHU * FHMROH , KORURIRUPI . WAO DOPRKRO DOG *TXHRXV Z HUH VAFFHMUYHO. HMM2PDUMG(SIRI+ DOG + L DTXHRXV VROXUBRO Z DV DOOR FKHFNHGFI=KH Z DUMY Y H ZHDUMY Y H VO XXZ W / Y H H R Q

SUHVHOEH RI DONDORIGV ** I DT HWDOO 1 & &! "Fi

=KH TXDQUDVUYH DQDQVUV RI GUIHUHQVFKHPIEDO FRQXIQXHQVV SUHVHOWO VHWYGUXI V Z DV FDULIHG RXWØFFRUGIOJ VAV VKH VFKHP H SURSRVHGE\ +KDWD/FKDUN/HDQG - DV°ł&#&"fi =KH SRZ GHU RI VKH VAWYGUKU V Z DV HÍ VUDFVAG Z LVK/ SHWROPKP HMCHU °ESF#Ł/%LR , "Fi=KH SHMROHXP HMCHU HI WODFW" 2 Z DV VAWAG IRU IUHH SKHOROV DODORLGV DOG VAALROPMALSHOHMFI* SDUWRI WALV HIWDFWZ DV VDSROLLIHG DOG SRUMARO "22 Z DV VAWAAG I RUI DWW DFLGV Z KHUHDV XQUDSRQILIHG SRUMARQ "222 Z DV VAMAG DJ DLQ. SKHOROV DOG VANLROFNALSHOHV I RUFRO ILP DVOROFI ⊨KH GHIDWAKG PDUF ZDV GLYLGHG LQAR WZR SRUMAROU/fi8QH SRUMARQ Z DV HÍ WIDFVANG Z LINK KRWZ DVANU DQG WKH RWKHU Z LINK HVKDORO°\$L° "fi=KH DTXHRXV "2" DOG HVKDOROF "?" H[WDFW ZHUH VHWHG I RU DODDRIGV I ODYRORIGV VDSROLOV VXI DUV DOG VDQQQQFi*TXHRXVH WDFWZDVH WDFWGZWK/HKKHUDQGHKKHU VROXE OF SRUMARO "? 2 Z DV VANNAG DJ DLO I RU DONDORLGVI WHUROFINHUSHOHM Z KHUHOVI Z DVHU/VROZEOH SRUMRO "? 22 Z DV VHWHAG I RU J QIFRVIGHMFI=KH Z DVHU/VROXE OH SRUMARQ Z DV DJ DLQ K\GURQ\]HGZWK/" K\GURFKORUFDFLGDQGH[WDFVHGZWK FKORURIRUP FI=KH DJOLFROH SRUMARO ? 2022 ZDV VHWHAG IRU LOUROXE OF KIGURFKORUGH RI DODDORLGFI, KORURI RUP VROXE OF SRUMARQ "2A" Z DV VANNAIG I RU DONDORLGV DOG WALLROYFNALLSHOHM Z KHUHDV(Z DVALIZVROZEOH I UDFVDRQ °A ″Z DV VANNAKG I RU DONDORLGVFI 8 QH SDUWRI WALV Z DWHU/VROXE OH SRUMBRO Z DV EDVILIHG Z LWK/DQ. DONDOL "DPPROLD" DOG HIWDFUNG ZLWK LPPLAFLEOH VROHOW "HMKHUIFI=KH VROTHOW ROBE OFI SDUW AZ ZDV DJ DLQ VHWHG I RU DONDORLGV = DE OH/ž "fi 4⊲ J = EH" BA8BE @I ! * GURS RI - UDJ HOGURI I`V UHDJ HOWLO WGH HIWDFWZDV DGGHGFI=KH EURZQ SUFFISLUDWH VKRZV WKH

1 K8B378J42< "D8BDJ42

PHDVXUHG ** ORO\PRXVI ŽŁŁ\$"fi

F) 68BK< - HAALPLODWARQ RISIZ DV FOLLIHG RXWE \ D VAOFKUROUF GLJ LWOO S1 PHMAU "PRGHOORFIŽŽ" "HTXLSSHG ZLWK D FRPELOHG HOFFWRGHFI=KH LOXWAP HONZ DV WOOGDUGLIHG E\ XVOJ EXIHU VROXNARO, RI ! FILI \$FILI DOG & FIZL VAY DVFHUNDIO, VKH DFFXUDF\ RI WH LOW WP HOASURU WAY WAH HE SHUP HOAN = KH S1 YOOM RI ł DOG ł Ł DTXHRXV VROWURO, RI SRZ GHU GUKU VROWURO, Z DV

3°. E° 08H8C <JKH

04H<DJ8><~MiM~

489Bc/! 0?01 @E:?<C @8BLK; 0E=0EM; <HE=*H8

489B:! fl ' 4" 2 " D8BDI @ E=*H8

	8 H //8	%80,@?J	56 , ED>	56 3?EH
/`	0년 식	+URZ Q	+@FN	O UHHOUK
fiĭ	%@ <j?ob<j?<h< th=""><th>+URZ QVK</th><th>- DUN +URZ Q</th><th>O UHAUK</th></j?ob<j?<h<>	+URZ QVK	- DUN +URZ Q	O UHAUK
fľ	\$?⊞Æ£Ю	5UKWOUH-D	+@FNLK	SU KWO UHQ
Ł	" : < E D<	+URZ Q	+@FN	+@FNLK
łř	" BE?EB	OUHDVK	+@FN	OUHD
Ž	" GK <eki< th=""><th>+URZ QVK</th><th>+@FN</th><th>+@FN</th></eki<>	+URZ QVK	+@FN	+@FN

489B: Ł /ORUHVFHOFH * CDO, VLV RI 21/D Z UW GLI HUHOWFKHP LEDCUHDJ HOW

3°.E°	0EM; <h≼; ;="" hk=""> ″\$?<c@8b2<8><dj< th=""><th>%80 ₿®?J</th><th>56 I?EH</th><th>56 BED></th></dj<></c@8b2<8></h≼;>	%80 ₿®?J	56 I?EH	56 BED>
ł fi	9RZ GHUHG GUU $$, ROFFi1 7.8 $$; HGGLVK	OUHQ	+@FN
Žfi	9RZ GHUHG GUKU *, ROEFfil FO	+URZ Q	OUHQ	+@FN
žfi	9RZ GHUHG GUXU *, ROEfi1 z<81	- DUN +URZ Q	OUHD	+@FN
! fi	9rz Ghuhg Guxu ~ Ž ~ 2rgluh vroxutro.	- DUN +URZ Q	OUHD	+@FN
" fi	9RZ GHUHG GUKU * 0 ODFLDO* FHMUF DFLG * 178 ž	8 UDQI H	- DUNO UHHQ	+@FN
#fi	9RZ GHUHG GUXI ČO ODFLDCDFHNDF DFLG	- DUN +URZ Q	- DUNO UH Q	+@FN
\$fi	9RZ GHUHG GUXU * 7D81 *1 Ł* ″	+URZ Q	00440	+@FN
%fi	9RZ GHUHG GUXU Č - LODI1 7 8 ž	+URZ Q	5U KWO UH-D	OUHD
&fi	9RZ GHUHG GUKU Č - LOTI ž<8 !	+URZ Q	5U KWO UHHQ	+DEN
łŁfi	9rz ghung guvu 👗 - læit fo	+URZ Q	+OALLK OUHHQ	+DEN
łł fi	9rz Ghuhg Guxi 🎽 - Udj hogru i "V	ORCCHO	+W KWO UHHQ	+@FN

łŽfi 🥄 9RZ GHUHG GUKU Č @ DJ QHUV; HDJ HQW

DOG >? OU KW* ORO, PRXVŽŁŁ\$" = DEOH! "fi

ŽŁŁŚ″°=DEOHZź″fi /OXRUHVFHOFH * ODO/VLV RI VKH VXFFHWVLYH H[WDFW/RI GUKJ VDPSOH < XFFHWLYH H[WDFW/R DOD WGH GUKU VDPSOH YL] fi 9 HAROEKP HAKHUI GLIHAKA O HAKHUI FKORURI RUPI HAKA O DEHADAHI DFHARCH HAKDORODOG DTXHRXV Z HUH REVHUYHG LO. GD\ QU KW

'BKEH≮I:<D:<"D8BDI@E=FEMt<+t; ; HK>I /OXRUMFHOFH DODOLVHV RIVIKH SRZ GHUHG GUKU V Z HUH GROH I RU IGHOLMEDWARDETI = KH SRZGHUHG GUKU V ZHUH WHOWAG ZLWK GLI HUHOWEKHP LEDOY DOG REVHUYHG LQGD\OU KWOOG XOGHU XOND YIROHWOU KWAYI = KH FKDQI HV IQ FRORUV Z HUH ORVANG ** OROV P RXVI

'BKEH≮I:<D:<"D8BDI@

HWD01 &&! "fi

** OROAPRXVIŽŁŁŚ #fi 4⊲J =EH 2⊲ @ ! =KH VHWWWROXWARO, ZDV JHOUON, KHOVHAG DOG DFHMF DOK\GUGH Z DV DGGHG LQ LMI* I VHU FRRODI I ROH GURS RI VXCSKXUE DFIG Z DV PILI HGFI* SXLSOUK UHG FRORXU VXDWLDSIGO FKDOJ HG VAR YIROĐINIOGIEDVAN VARH SUHMHOEFH RI VARH UHMOV ** I DT

4<| J = EH" C @ E " : @ I ! = KH HWXDOR OF H[WDFWZ DV P ![HG Z LWX OLOK \ GUO VROXVIRO "Ł FII ~ LO DFHARCH" FI * I VAU KHOVIOJ J HOVOV RO Z DWAU EDWAY IRU I HZ PLOXWAW LWU LYHV D EOXH WRY UHG/YLROHW FROEXU WADW LOGLEDWAW WAH SUHWHOEH RI DPLOR DELGV

IRUP XOD WAROFI

2&35,43". %%*3\$533*/. =KH SUHVHOW WAKG\ LV DQ DWAMPSW WA DVFHUNDIQ WKH SKOUP DFRSRHDO WOOGDUGV I RU WH WOOGDUGLIDWRO RI 200 WH TXDODMILGHOUNDI SXULVIDOG WUHOJWKIRI WKH SRZGHUKDV EHHQ XQGHUMDNHQ DV D VAROVAY EUQJ RXVVHYHDOIHDVAUHV ONH DVK WOYCGDUGV VROXELOUV LQ DOPRKRO DOG Z DVHU VXFFHWLYH HIWDFWMH YDOXHM DOG TXDOUDWMH VFUHHOLOU R SK/VEREKHPIEDOV VANDO DODORIGV VANDO I ODYRCRIGV SKHORO QUARIHQ IDWAY PDWANU </HUROFILHUSHQHM 9URWAYQ DQG , DUEK\GUDVAMFI, KDUDFVAULIDWIRQ RI DQ KHUEDO GUVU IV HWHOMDOIRU WH TXDOW FROM ROW FKHEN WH SUHVHOEH RI DGXONDOW DV D VOJ OH GUKI UHP HG\ RU LW SROKHEDO>ODOL

- LVADOFH WADYHOOHG E\ WAH < ROYHOW

; IYDOXH)

4?@, 80<H\$?HEC 8JE>H8F?0 = KIQ 5D\HU, KURPDNAU LOSK\ Z DV FDULIHG RXWRQ DOXPLQXP SONAN SUFFRDNAG ZLWK VOOFD JHO#Ł / Ž"! °50\HJ WALFNOHW ŁŚŻ" PP1RU DOOHI WDFWLQ YDURXV SKOVHV ODVHU VSUD\HG E\ GLIHUHOWSUD/LOJ UHDJHOWFI=KH; I YDOXH RI VSRW/ZHUH FDOEXONANGE\ WAHIROORZLOJ IRUPXODH ** ORO, PRXVIŽŁŁ\$"fi - LVUDYOFH WUDYHOOHG E\ WKH <SRW

489B:! ∤ 4?@, 80 <h\$?hec 8.e="">H8F?O</h\$?hec>								
4++8/C <dj< td=""><td>- E9@s≮F?8l <!--</td--><td>. E E=IFEJ</td><td>2=L8BK<8D; : EBEKHE=IFEJ</td></td></dj<>	- E9@s≮F?8l </td <td>. E E=IFEJ</td> <td>2=L8BK<8D; : EBEKHE=IFEJ</td>	. E E=IFEJ	2=L8BK<8D; : EBEKHE=IFEJ					
0 <jheb<kc &j?="" <h&njhb:="" j<="" td=""></jheb<kc>								
- D\ 5U KW	9HMROHXP HWGHU' - L'	ł	ŁſŹ\$°+URZQ´					
>? <kruw< td=""><td>– HMKAOHMMUHU °l'i/″</td><td>ł</td><td>ŁfŽ\$°+ØUK″</td></kruw<>	– HMKAOHMMUHU °l'i/″	ł	ŁfŽ\$°+ØUK″					
2RGLOH?DSRXU	_ : I	ł	ŁFŽI\$ °BHORZ LUK″					
\$?ÆÆÆÆKC &NUH8: J								
- D\ 5U KW	, KORURI RUP' 6 HWADORO	ł	Łf#% °+URZ Q″					
>? <kruw< td=""><td>Ŷ'∤ ″</td><td>Ž</td><td>Łf#%°OUHHQ′iŁf1!°OUHHQ′</td></kruw<>	Ŷ'∤ ″	Ž	Łf#%°OUHHQ′iŁf1!°OUHHQ′					
2RGLOH?DSRXU	_	ł	とfi#% *BHCORZ 以K″i とf\$" *9DOH BHCORZ ″					
" : <jed< &njhb:="" j<="" td=""></jed<>								
- D/ 5U KW	+XND/CRO*FHMFDFLG' @DNANU*"'!'!'	ł	Ł f\$" °+URZ Q′					
>? <kruw< td=""><td></td><td>ł</td><td>Łf\$" °+0XL\K″</td></kruw<>		ł	Łf\$" °+0XL\K″					
2RGLOH?DSRXU		ł	Łf\$" *9D0+Η BHC072 ″					

\$/.\$,53*/.

9K/VER/FKI-PLEDOWLOGDUGL] DWLRQ LV RI SULPH LPSRULDOGTH LQ TXDQUV FRQURCRI > CDQLGUV VFI* VVKIH HILEDF/RI PDQ, GUV V PDLQQ, GHSHQEV XSRQ LWV SK/VEDODQG, FKI-PLEDOSURSHULH/V WHUH RUH, WH GHALPLQDVLRQ RI SK/VER/FKI-PLEDOFKDUDFVAU/ IRU WH DXVKHQLIFIUW RI D GUV LV Q-FFHWDU, EH RUH, WXG/LQJ DQ, PHGLELQDOSURSHUWFI9K/VE/FKI-PLEDOFRQUIMAHQAV SU-HHQV LQVKH GUV YDU, I CRVRQQ ILRP SODQWLRY SODQAEXWDOR DP RQJ GUI HUHQWLDP SOHV RI VDPH VSHFLHV GHSHQELQJ XSRQ YDURX/ DVARVSKHUE I DFVRUV WARUDJ H DQG GU/LQJ FRQGUVRQAFI

2& &2& \$&3

- ifi 21EDO*fi: DVPL "1 &%1 ~ a9K\VAFK+P1EDOHYD00DVARQ RI 21AD DOG * UND DOG VAHU FOLDEDO <VAGIHV RQ CH-ITXQ ODIDV 7 D] OH-b =KI-MV V&P1VANG IQ - HSDUA7HOARI 20PXO * GYLDI * OU DUK 6 X/OP >OLYH-UAVM * OU DUK fi
- Žfi +DLLDU 2fi 'ł &&&" a* Ø104PLXØPXI LLGDVXKØDGYLD/ZD/XØ DJK]LDbfi>LGX =LDQUDVLRGfi9DUM2fi,,;>6 °7 HZ - H38L" ł \$\$/ł \$&fi
- žfi 7 DGNDUQL 4f6 fi^{*}l &%&" a=KH 20GIDQ 6 DVMUD 6 HGIEDbfi +RPED\ 9UDNDVKDQ/9YM0506fi? R06i22 #&! /#&" fi
- ! fi 41.LLMXDU 4f;ifiDQG +DVX +fifi'i &&&#" a20.GIDQ 6 HGLFLQDO 90DQNb 22.ALQDVLRQDO+RRN - LVAUE XVAUV *- HKLDGXQ' ? Rfi2 Ž! #Ł/Ž! #Ł fi
- "fi 0 KDQL 7 DN91X0°ŽŁłł ″a4KD] DLQX0* GYLDb 9XEQUKHG E\ 26DLD 4LVDEX0<KLIDi 7 HZ - H38L žŁ"/žŁ#fi
- #fi \PRFN "14.8\$Ž" a9KDUPDFRJUDSKUED 220GLEDb 9XE00_KHG E\ 22XMXXMA RI 1 HDOW/DOG =LEEL; HMHDUFKI 1 DPGDUG 7 DWRCDO/RXQGDWRQ 9DUXM2Q 9DUXM22! "Žfi