

## EndRun TECHNOLOGIES HYa di gʻ7bhd B Yhk cf\_H]a YGYfj Yf

# I ghế A Ubi U

# 5Vci hh ]g a Ubi U

H\]ga Ubi U`k]```[i]XYmi h\fci[\ga d`Y]bgU`Ufcb UbXgYhi d`dfcWXifYg

=bhfcXi WajcbÌH\YHYa di g7bhdž\ck]hkcf\_gžk\YfYhci gY]hž]nga UbZUhi fYg 6UgW≠bgU`UhjcbÌ < ck hcWbbYMžWbÚ[i fYUbXhYghmi fHYa di g7bhd k]h mi fbYhkcf\_" 7`]YbhGYHI dÌHkcgYWajcbg/cbYZcfIb]!`]\_YdUfZcfa gUbXcbYZcfK]bXckgBH#&&\$\$\$"

=Zmi XYHVMUbm]bUWWfUVMgcfca]gg|cbg/dYUgY]bZcfa i g``9bXFibHYWbcc[]YgWbbchVY\YXfYgdcbg|VY ZcfUbmHYWb]Wicfimdc[fUd\]WiYffcfgUbXfYgYfjYgH;Yf][\hitcaU\_YWUb[Yghch\YdfcXiWfUbXaUbiUgik]hcihdf]cfbch]W

## HFUXYa UF\_UVVbck `YX[ Ya Ybhg

=6A!D7ž@bilžBchhDUXžH]aYgYfjžIB=LžK]bXckgBH#&\$\$\$\$ZKcfXCHfUYfY[]ghfYXhfUXYaU\_gcZh\Y fYgdYMgY\c`XYfg

| HA di gʻ7bhdʻI gYAğA Ubi U           | FΥj]glcb' |
|--------------------------------------|-----------|
| DUFhBc" I GA ' \$%!\$\$\$\$\$.\$\$\$ | 8 W&SS    |
| 7cdnfil \h                           |           |

# K UffUbhm

H\]gdfcXi Waza Ubi ZUMi fYXVm9bXFi b'HYWbc`c[]Ygž]gkUffUbhXXU[UbghXYZWng]b`a Uhf]U`UbXkcf\_a Ubg\]d Zcf`UdYf]cXcZ'lkc`mUfg'Zca`XUhYcZ'g\]da Ybhži bXYf`bcfa U`i gY`UbX`gYfj ]W``8 i f]b[`l\YkUffUbhmdYf]cXž 9bXFi b'HYWbc`c[]Ygk]``fYdUf cf`fYd`UYYdfcXi Wngk\]W`dfcj Yhc`VYXYZWhjY

: cf k UffUbhngYfj JW cf fYdUfzh ]g dfcXi Wia i ghVY fYn fbYX hc 9bXFi b HYWbc c[ JYg 6i nYf g\U`dfYdUn

## K UffUbhrF YdUjf"

=Zmi VY]Y Ymi f Yei ]da Ybh]g]b bYXcZfYdUfžW '9bXFi b HWbc c[]YgUbXUg\_ZcfUWgra Y gYj ]W U Ybh''=h]g]a dcfHubhlr WbHUki gÚfghUga UbmdfcVYa ga UniVYfYgc j YXk]h Ud\cbYW ''' DYUgY\U Y h YgYf]U bi a Vf cZh Yi b]hUbXh YbUi fYcZh YdfcVYa 'U U'WYVZcfYmi 'W'''=Z]h]gXHMfa ]bYXhUi mi f Yei ]da Ybhk]``fYei ]fYgYfj [WžkYk]``]gg YUbFA 5 bi a Vff'' Mci 'k]``VYUg\_YXZcf WbHUkf[bZcfa U]cbž ]bW X[b[ mi f bUa YZUXYYggzd\cbYbi a Vf UbXYA U' UXYYgg

 $\begin{array}{l} G_{d} & Yi b \left[ hdfYdU_{X} \right] b & Ycf \right] \left[ b U & b U_{b} & Cf U & b U_{b} & CZ g Z & M & b g fYb \left[ h U & dfchW & fc 9 b & Fi b \\ H & W & bc c \left[ \left[ Yg' 9 b & Yi b & \right] \\ b & b & Vf \left[ g & 0 & y' \right] \\ b & Vf \left[ g & 0 & y' \right] \\ b & Vf \left[ g & 0 & y' \right] \\ d & 0 & 0 \\ \hline & 0 &$ 

# HJVY cZ7 cbWbhg

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| $\Upsilon @^{+}$   |   | Н                      |    |
| ⊤æå}Á⊘^æc˘¦^●Á   |   | Н                      |    |
| <u>Óæ•ã&amp;ÁQ} •œllæcã []}Á</u>   |   |                        | ĺ  |
| \/^ { ] ` •ÁÔ}c]ÁÚ@^•ã&æÁÖ^∙&lä]ɑ̃[}Á  |   | Î                      |    |
| Q}●œ#  ä} *Ác@^ÁV^ { ] `●ÁÔ}c]Á  |   | Ì                      |    |
| T [`}do@^AV^ {]`•AÔ}c]A<br>Ô[}}^&cä}*AÖÔAÚ[,^!AÇ[]d[}DA<br>Q}•cæ  å}*Ac@^Aæ}c^}}æA<br>Ô[}}^&cä}*Aæ}åAÔ[},*`!å}*AÒc@^!}^cA<br>Ô[},*`!å}*AÒc@^!}od, ảc@Ac@^AQ![}cĒÚæ}^ AS^^]æåA<br>Ô[},*`!å}*AÒc@^!}od, ác@Ac@^AU^!iæ AÚ[!cd<br>Ô[}}^&cac@~AÜULĒGHGAŬ^!iæ ADULAÚ[!cd<br>V^•oc@~AÜULÄEGHGAŬ^!iæ ADULAÚ[!cd<br>V^•olc@^AÜLiæ AÚ[!cd<br>W•i}*A}^c&[},*ic[AÜ~cdW]AŸ[`!ADÚA<br>X^!ia~AÞ^c,[!\AÔ[},*`!æci]}A | Ì<br>Ì<br>J<br>J<br>F€<br>F€<br>F€<br>FH<br>Fṫ ¦Á | `¦ { Ã }<br>FĔ `¦æci[} | řĮ |

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| U]^}ÙÙPÁ  |                | ÎН |    |
|---|----------------|----|----|
| Þ^c, [¦\ÁVā { ^ÁÚ¦[c[&[ Á   |                | ÎI |    |
| <u>W]*¦æåã}*Á@^ÁØã¦{_</u> æ¦^Á  |                |    | ÎÍ |
| $Y@$ ##Y $\hat{V}$  |                | ÎÍ |    |
| Ú^¦~[¦{å}*Ác@^ÁV^{]`•ÁÔ}c]ÁW]*¦æå^Á   |                | ÎÍ |    |
| Ü^&[ç^lā}*Á¦[{ {ælØæi]^ålW]*\æå^A   |                | ÎÌ |    |
| Ú^¦~[¦{ǎ}*أx@^أÔÖTŒW]*¦æå^أ   |                | ÎÌ |    |
| Ú¦[à ^{ •Á, ì:@k@^AÔÖTŒW]*¦æå^A   |                | ÎJ |    |
| <u>Ùă { ] ^ÁÞ^c _ [¦\ÁTæ}æ*^ { ^}ðÚ¦[c[&amp;[ Á</u>   |                |    | ΪE |
| ÙÞ⊤ÚçHÁÙ^&`¦ác^Á<br>Ò}c^!]¦ã•^Á⊤æ}æ*^ { ^}ơЮ}~[¦{ æở[}ÁÓæ•^ÁÇ⊤QÓDÁ<br>Q}ç[&æở[}Á[-Ác@^ÁÙÞ⊤ÚÅåæ^ { [}Á | ÏF<br>ÏG<br>ÏG |    |    |
| Û`&\\Ûæ¦dÔ[}&*`¦æ¤[}\Ë\ÙÞTÚçFbçG&\  |                | ΪH |    |
| Ô[},*`\\$}*ÀÙÞTÚçFÁV\æ]ÅÔ^}^\æa[}Å<br>Ô[},*`\\$}*ÀÙÞTÚçG&ÅÞ[ci,&æai[}^Á                               | ΪΗ<br>ΪΙ       |    |    |
| Ô[}-ã*˘¦ඤã[}Á[-ÁÙÞTÚçHÁ   |                | ΪI |    |
| <u>Š^æ]ÁÙ^&amp;[}å•Á</u>  |                |    | ΪΪ |
| <u>Šāc@ā` { ÁÓæur^¦^ÁÜ^] æ&amp;^ { ^}dÁ</u>   |                |    | ΪJ |
|   |                |    | ÌE |
| <u>Ù]^&amp;ãá&amp;æã[}•Á</u>  |                |    | ÌH |

YHA di g7bhd gUdf Wgcb gifj YicZI bj YfgU7ccfXbUhXHa Yfl H7th Ui Ub VY WbbYMX j JUU%#%\$\$6UgMH Yh YbYhdcfhir UbmH7D#=D bYk cf\_" b ]g a cgivUgWcdYUjcbž ]hgbXg B Yk cf\_ Ha Y DfcheW^ fB HDI#Ca dY B Yk cf\_ Ha Y DfcheW^ f0B HDL fYdmdUWIg ]b fYgdcbgY he B HD#0B HD fYei Ygh dUWIgk \JW]h\UgfYWj YXZca Wyblg' H\Yla Yglua dg]hgbXg]b ]gB HD#0B HD fYdmdUWIgUfYUWfUY he YgghUb cbY!\i bXfXa JMcgYWbXg' B HD#0B HD Vybh gZk UfY]gUfUWYZcfj [fh UnU~cdYUJa `A] mk b

### K \YfY hc1 gY h

: [fglž hY Há di g 7bhd a i gli VY XklcmX ]b U Wi U =Q-) 78 A 5 Wj YfU YUYU 7Yi U [gUWa a cbm gXhfa ]a dmb[ hUih YZYei YbWrWbXZcf h YUgYgU]cb Wif[]Yf hUbga [gglcbg ]g, &(!, -) A < n" H\]g [g]b WbhfUghle D7Czk \]W [a d] Yg cdYU]cb [b hY%) \$!%- \$ A < nZYei YbWrWbX" H\YHa di g 7bhd i g/gh YW i U ZYei YbWrWbXVWJ gY [h dfcj ]Xiga i WVIhhf dfcdU U]cb WUfUNf[g][Vg]b fY[ UXghe VI ]X]b[ dYbYhU]cb UbX a U ]a i a fYWj WYfUb[ YZea 'hYhfUbga ]hhf" =b [ YbYUž ]Z mi f W i U 78A 5 hYYd\cbYkcf\_gk\YfYmi dUb he ]bg/U 'hYHa di g 7bhdžh Yb mi f Ha di g 7bhd k] ``kcf\_dfcdYf mi hYf'

> 6YWN gY hYHA dig 7bhd \Ug VYD XYg[bYXhc cdYfUhY]b Wob! 1 bWncbk]h Yi]ghb[diV]WYca Ub BHD#CBHDWYbhgc Zhk UfY hUh\Ug VYD WYUNXZcfigYk]h g YY b Ya A Wa A Wohgc

Ig Well Mr k ]```[i] XY mi lhfci [\hYa cghVgWWW ki hUbXd\ngW]bgU! Ujcb cZmi f Ha di g7bhd" G Vgiei YbhWell MrgUbXUddYbXWgk]``[j] Ymi Y]bZrfa Ujcb bYXXXhr WbÚ[i f Ymi f]bgUUjcb Zrf hYa U]a i a dYfZrf! a UbW]b mi f cdYfUjb[Ybj]fcba Ybh"; YbYfUBHDWybhgYn d]bgfi Wjcbgk]``Ugc VYg dd]YXhr [Yhmi gUfHXi gb[ mi f Ha di g7bhd ei ]Wm

6UgVZLa]]Uf]mk]hH7D#=DbYlkcf\_b[dfchcWg]\_YrkpiVERginpgvUbXhmf4 apff"ku"yken

## HYa di gʻ7bhd D\ngj\VJ`8Yg\fjdhjcb <u>: fcbhDUbY</u>

| GrbWCALling@98                | H\]g [fYb @98 Û\$\Yg hc ]bXJWH ghWfcb]nUfcb<br>gUh g"   |  |  |  |
|-------------------------------|---|--|--|--|
| <b>B Yfk</b> cf_`@98`         | H\]gUaVhf`@98`]``ia]bUhkgk\Yb'h.YHAdig7bhd`<br>]gWobbYMXXhch.YbYhkcf_UbXÛ&\Ygk\YbfYWjj]b[`<br>cf'h1Ubga]h1]b[`dUW1g |  |  |  |
| 5 Ufa Cilli g@98 <sup>·</sup> | H\]g fYX @98 `]``i a ]bUhg Vf]YÛmUndck Yf!i dž UbX<br>h\YYUZhf k\YbYj Yf Ughf]ci gZ1 `hWobX[h]cb Yl ]gg             |  |  |  |
| FMfDLbY                       |   |  |  |  |

OUT

100--240 V-50--60 Hz 0.5 A dUf WWYZca 'hYbYkcf\_" di by W/ H\la -97'' 88' di by fy h fwdfch['Wabh

 &" H\Yb`]hk]``Wobf]bi ci g`m`][\hh\Y[fYb`GrbW(Huh</mark> g@98"

1 11.

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NKNQ Ngy"ogoqt{<"2484"Md dqqv<

H\YgYhfYY`]bYgUYhY@bi1 @cUXYff@=@CEVcchdfcadh'H\]gdfcadhk]``HaYcih UZMF) gWebXgUbXhY@bi1\_YfbYUbXhYZWefmXYZJihHadig7bhdfcchÚYgng Mak]``VY`cUXX``K\Yb'hY@bi1\_YfbY`]g`cUXXZfcahY: @5G<X[g\_]bhcF5A U`cb[``]ghcZ\_YfbY![YbYUhX@bZcfaUhcbU'aYggUYgJZyfdUhXUghY\_YfbY`V[]bg` YI WMhcbUbXhYjUfcigXy]VVXfJYfgUY]b]HU[hX:

Ecnkdtcvkpi"fgnc{"nqqr000"74085"DqiqOKRU

Ogoqt {<"4:4:2m15498:m"cxckncdng"\*7:2m"mgtpgn"eqfg."662m"tgugtxgf."754m"fcvc."54m" kpkv+

Ejgemkpi"kh"vjku"rtqeguuqt"jqpqwtu"vjg"YR"dkv"gxgp"kp"uwrgtxkuqt"oqfg000"Qm0 ERW<"E{tkz"Ez6:8FZ4

lfgxlou{ullJc3"q"LJc<p"ldqqv"v{rg"gzv"LJc34"\*ty+ "LJc4"LJc5"LJc6 lfgxlou{ullJc4"qp"lnqiu"v{rg"gzv4"\*ty+ lrtqe"qp"lrtqe"v{rg"rtqe"\*ty+ jyenqem<"Ecpøv"qrgp"lfgxlvv{3."gttpq?3;<"Pq"uwej"fgxk**j;x1**x1wejwej "4 w Wec

#### JYf]ZmBYhkcf\_7cbÚ[ifUh]cb

=Zmi \UjYaUXYWUb[YghcmifbYhkcf\_WbÚ[ifUhcbigb[pgveqpiižmig\ciX g\ibXckbhYHAdig7bhdUbXfYVcch]h H\YfYUfYhkckUnghcXch]g

- %" 7nWYdckYf hc hYHYa di g 7bhd"
- &" =ggi Yh\Yg\i bxck b k ]h fY!VcchWa a UbXUhh\Yg\Y`dfca dh

Vgorwu"Epvr/@"ujwvfqyp"ót"pqy

=Zmi 'UYigb['hYFQ&&gyf]U'=#C 'dcfhlrc'Wa a i b]WhYk]h 'hYHYa di g'7bhdž mi 'k]``VYUVYhc'gyYhY\_YfbY'[YbYfUhXVccha YggU[Ygk\Yb'hYib]hfY!Vcchg''Mci g\ci XbchYhY`]bY

Eqp1iwtkpi"gvj2"cu"3;4038:030467000

Zmi \YyhidUgUWDUXYggzcfh]g`]bY

Cvvgorvkpi"vq"eqpiiwtg"gvj2"d{"eqpvcevkpi"c"FJER"ugtxgt000

=Zmi UfYigb[ 8 < 7DUbXUfYbchigb[ h\YFQ& &ghf]U =#C dcfhžmi k]``\UjYhc WWWh\Y8 < 7DWbÚ[ifUfjcb]bZcfaUfjcbaUblybXVmmif8 < 7DghfjYfbrX! hhfa]bYh\YYIdWMX=DUXXfYggUbX`c[]bhch\YHAdig7bhdigb[vgnpgvcfuuj hcjahfZngtWkgzI`8Va7DWbÚ[ifUfjcb"FYZfhchYygVg Da G g'````

g ÚG

A8) Uh\Ybh\Whcb\_YngZica h\gXgdUn < ckYyfzhcWbÚ[ifYbYk \_Yngmi k]``` bYYXhcfibpvregpii"

7 cbÚ[i

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vjg"pvr0mg{u"ingA"\*]{\_gu."]p\_q+"{

[qw"yknn"dg"rtqorvgf"hqt"mg{"pwodgtu"\*3"/"87756+."vjcv"{qw"ycpv"PVR"vq õvtwuvö0""Vjg"mg{"pwodgtu"{qw"gpvgt"owuv"gzkuv"kp"{qwt"pvr0mg{u"ing0""Kh"{qw fq"pqv"ycpv"vq"wug"uqog"qh"vjg"mg{u"kp"{qwt"pvr0mg{u"ing."fq"pqv"gpvgt"vjgo jgtg0""PVR"yknn"vtgcv"vjqug"mg{u"cu"õwpvtwuvgfö0

Enkgpvu"vjcv"wug"cp{"qh"vjg"õvtwuvgfö"mg{u"kp"vjgkt"PVR"rqnnkpi"rcemgvu"yknn tgegkxg"cwvjgpvkecvgf"tgrnkgu"htqo"vjg"Vgorwu"Epvr0""Yjgp"{qw"jcxg"gpvgtgf cnn"qh"vjg"õvtwuvgf"mg{uö"vjcv"{qw"pggf."gpvgt"|gtq"cv"vjg"pgzv"rtqorv"hqt"c mg{"pwodgt0

Gpvgt"c"vtwuvgf"mg{"pwodgt"\*3/87756+"qt"2"vq"swkv<"3

Gpvgt"c"vtwuvgf"mg{"pwodgt"\*3/87756+"qt"2"vq"swkv<"4

Gpvgt"c"vtwuvgf"mg{"pwodgt"\*3/87756+"qt"2"vq"swkv<"2

///PVR"Dtqcfecuv10wnvkecuv"Eqpiiwtcvkqp

Yqwnf"{qw"nkmg"vq"gpcdng"dtqcfecuvlownvkecuv"ugtxgt"qrgtcvkqpA"\*]{\_gu."]p\_q+"{

Ugv"vjg"pgvyqtm"dtqcfecuvlownvkecuv"cfftguu"hqt"vjg"Vgorwu"Epvr"vq"wug0""Hqt dtqcfecuv"oqfg."vjku"cfftguu"ku"vjg"cnn"3øu"cfftguu"qp"vjg"uwd/pgv0 Gzcorng<"333033403350477 Hqt"ownvkecuv"qrgtcvkqp."kv"ku"vjku"urgek1e"cfftguu<""446020303

Gpvgt"KR"cfftguu"hqt"PVR"dtqcfecuv1ownvkecuv"qrgtcvkqp"\*ccc0ddd0eee0fff+<"446020303

[qw"jcxg"ugngevgf"ownvkecuv"qrgtcvkqp0""Gpvgt"vjg"pwodgt"qh"jqru"vjcv ctg"pggfgf"hqt"vjg"ownvkecuv"rcemgvu"qp"{qwt"pgvyqtm"\*rqukvkxg"kpvgigt+<"3

Kv"ku"jkijn{"tgeqoogpfgf"vjcv"cwvjgpvkecvkqp"dg"wugf"kh"{qw"ctg"wukpi"PVR"kp"dtqcfecuv1 ownvkecuv"oqfg0""Qvjgtykug"enkgpvu"oc{"gcukn{"dg"õurqqhgfö"d{"c"hcmg"PVR ugtxgt0""[qw"ecp"urgekh{"cp"OF7"mg{"pwodgt"vjcv"vjg"Vgorwu"Epvr"yknn"wug"kp"kvu dtqcfecuvlownvkecuv"rcemgvu0""Vjg"enkgpvu"qp"{qwt"pgvyqtm"owuv"dg"eqpiiwtgf"vq"wug" vjg"ucog"mg{0

 $\label{eq:constraint} $$ Yqwnf"{qw"nkmg"vq"urgekh{"cp"OF7"mg{"pwodgt"vq"wug"ykvj dtqcfecuv"oqfgA"*]{_gu."]p_q+"} $$$ 

Gpvgt"vjg"OF7"mg{"pwodgt"vq"wug"\*3/87756+<"4

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| ,                                       | ***************************************   | , |
| ,"""Vjg"Vgorw                           | u"Epvr"Pgvyqtm"Vkog"Rtqvqeqn"eqp1iwtcvkqp"jcu"dggp"wrfcvgf0"""""                        | , |
| ,""""""""""""""""""                     | ***************************************   | , |
| ,"""""""""""""""""""                    | "Rngcug"tg/dqqv"pqy"hqt"vjg"ejcpigu"vq"vcmg"ghhgev0"""""""""""""""""""""""""""""""""""" | , |
| ,                                       | ***************************************   | , |
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Η

#### 6UgW H\[g] [g h\Y gla d'Yglž UbX k]<sup>\*\*</sup> cdYfUY k]hci hA 8) <sup>\*</sup>U hYbf[Wfjcb<sup>\*\*</sup> BHDVY[]bbYfgg\ci `XUkUngdYfZfa 'h]ggYii dÚfgli

A8) H\gaYhcX]ghf]W]YfcbmVWVgYA8)\_YngaighVghidUbX Xlghf]MhXUWMUYmtchYBHDWJbbg]bUgWMYkUmH\YHAdig 7bhd]gZWncfmWobÚ[ifYXhcUh\YbhJWhY]]gfYd]YghcBHDA8)W! Ybhgigb[]lgXZLihghicZ\_Yng

6fcUXAQH#A i `HAQH H\g a YhcX ga d`JÚYg WbÚ[ i fUjcb cZ hY WYbhg cb `U[ Y bYhcf\_ggbWg1WWØfj Yf UXXYggYgbYXbchWWbÚ[ i fYX]b YUW WYbhŷ #YY#bdVØZÚY` =hWb VY WbÚ[ i fYX YhYf k]h cf k]hci h A 8) `U hYbHWHcb''< ck Y Yf2]h]g\][\`mfYWa a YbXXhUhU hYb! HWHcb VY WbÚ[ i fYX k\b i gb[ `VfcUXAQH#a i `HWQHa cXY X Yhc hYfYU]j YYQYk]h k\]WUZJYB HD gfj Yf WbHJYcj Yf hYV&W gYhD[ cZhYVfcUXAQH#a i `HWQHWYbhgcb'hYbYhcf\_"

## 6Ug]WBHD7`]YbhGYh d

#### 6LgWgMnd lgfYUhj Ymgla dY2Z

- ∉# Mci `\UYVYb`UVYhc`g WYggZ``mWaaib]WhYk]h`h\YHYadig 7bhd`cb` mifbYhkcf\_"
- ∉# Mci \YyberYberYXBHDcbmifWybhWyadihhf"

#### 7cbÚ[ifYƁHD

bæã{æãÁFÏGÈFIJÎÈFÈGHI

H\g`]bYHY`gpvrf`lcigYhYBHDgYfjYfUhUXYYgg%&%, '%&() ]bUXAhcblcUbm chYfgYfjYfgk\]Wa][\hUgcYYWbÚ[ifYX]bhYVYbh§*bdV*ØZÚY

FY.glufhpvrf hc \U Y]hVY[]bi gb[ hYHA di g7bhd gyfj Yf 1 gyhYBHDi h]]mpvrs hc WYW hUhpvrf ]gUVYhc Wa a i b]WhYk]h hYHA di g7bhd" 5Zhf [gg]]b[ hY Wa a UbX

pvrs

mi k]``gYYhYpvrs Wa a UbXdfca dh

pvrs@
IgYh\YWdaaUbX

rggtu

hc Xgd Unih YB HD dYfgk \]W mi f Wa di hf [gi gb[" C bY cZ h Ya g ci XV h Y Ha di g 7 bho gf j Y k \]W mi `U Y t gh W bÚ[i f X." Mci g ci `X j Y [Znih Uh]h]g V [b[ Đ WYAÑ fhư i a Uni U Yhc W bh]bi Y [gg ]b[ h Y dYfg Wa a Ub XZ f Ua ]bi h' cf lk c VZ f Y mi k]```gY h Y Đ WN Ŵ i bh]b Wa YbH. =Z mi `U Y ch Yf dYfg W bÚ[i f X." j Y [Znih Uhih Y cZgyh]bZ fa U j cb Z f h Y Ha di g 7 bho gf j Yf dYf Ub X mi f ch Yf dYfg [g]b U f Ya Ybh c k]h]b UZ k a ]``gY W b Xg Ugg a ]b[ h Uhih Y ch Yf dYfg U Yg bWfc! b]n X h Uhi Y cZ UWATWh

=ha UhUgc WigZ `hc`glufhh\YBHD`XU/a cb`]b†XVI [Ña cXYfpvrf `ofLhc`WbÚfa ` g WAgZ `WbÚ[ifU]cb" FYZffhc'h\YBHD`XcWa YbhU]cb'Zcf'XHU]`YXigU[YcZh\YgY XVI [ih]]]Yg

## A 8) 5i h Ybh YUHYX BHD 7 JYbh GYh d

#### A8) Uh Yoh Wh XgYn d gfYU hj Ymga d YzZ

- ∉# Mcti`\UjYVYb`UVYhc`g WYggzī`mWdaaib]WhYk]h`h\YHYadig 7bhd`cb` mifbYfkcf\_"
- ∉# Meif Ha dig 7bhd \Lg VYb WbÚ[ifYX he dYfZefa Uh YbHWHcb Yh Yf Vm ZWhefmXYZJ hžef Vnfi bb]b[ h\Ypvreqpi g\Y`gMdh H\YY La dYHa dig 7bhd Uh YbHWHcb WbÚ[ifUhcbg\ckb]b7\Ldhf & 7dú[if]b[ h\YB Ykcf\_ Ha YDfdaW7k]``VYLgg a YX]b h\YY La dYWbÚ[ifUhcb Wa a UbXgg\ckb \YfY'
- ∉# Mci \UjY]bgfUYXBHDcbmifWybhWyadihhf"
- ∉# Mci \UjYg WyggZ `mdYfZcfa YXh\Y*6UgVBHD7`]YbhGY*adcbmif WyybhWya! di hyf'

#### 7fYUHY ΉλΥ ÚΥ

Mci a i ghWMUYUÚYbUá YX*bd\_Yg*]bhY#YWMfYMcfm=ha i ghWUWdmcZhYcbY fYgX[b[]bhY#YWMfYMcfmcZmi fHa di g7bhd"Mci Wbvgnpgv]bhc mi fHa di g 7bhd UbXghthUb nvr gygglcbk]h mi fWYbhWa di hffhc gbXhYHA di g7bhd



WbÚ[i fYmi fK]bXckgBH("\$#85\$\$ Wa di hf hc i gYmi f Ha di g7bhz ni a i gh\U Yg WggZ ``mWa d`YhXh Y*6UgWzgUUfd*odfcWX fYg]b7\Uthf "H\ga Ubi U gbchUB ck!HcNcb]bgU]b[UbXi gb[ BHD/VgWddfcUV/g hc BHD WbÚ[i fUfcbZcf cdYUfcbk]h hYHa di g7bhdk]``VYXgWJVX\YfY =b! gUUfcba i ghVYdYfZcfa YXVnUi gYfk]h UXa ]b]gffUfj Ydfjj]YX[YgcbhYgngHa ''`=Z mi \U YbY Yf i gYXBHDzhYb mi g\ci XgNbXgca Yfja YfYUJb[ hYcb!`]bYXcW! a YblgUh

<u>hd.##kkk'bhd'cf[</u>

5 hci [\U`hY]bZcfa Ufcb ]gUUYUhhYUcj YghZhYZc``ck]b[ UYYIWYbh hilcf]Ugcb ght]b[ i dBHDUbXUYYLgYf ic i bXxfg1bX

<u>htd.##kkk"gi b'Wa #gc`i hcbg#Vi Ydf]bhg#\$+\$%#BHDdXZ</u>

<u>htel ##kkk"gi b'Wa #gc`i hcbg#Vi Ydf]bhg#S, S%#BHDdh&dXZ</u>

\htd.##kkk"gi b'Woa #gc`i hcbg#Vi Ydf]bhg#\$-\$%#BHDdh "dXZ

 $A UbmdfcVYa ga UniUgcVYgcjYXVnihYYdZ`dYcdYk \ c dUfljVfdUYjbhY=bhfbYn bYkg[fci dXyfchXhcBHD`$ 

bykg##mifSbykgsgfjy#WaddfchcWyghaYbhd

H\fYYa YAcXgcZigb[A\YHYa dig7bhdk]A BHDWYAbhgcbK]bXck BH('\$dUh Zcfagk]``VYXYgWJVYX

- A8) H\gaYhcX]ghf]W]YfcbmVWVgYA8)\_YngaighVyghidUbX Xlghf]VihXUWMUYmtchYBHDV}Yblg]bUgWMYkUmH\YHAdig 7bhd]gZWhcfmWobÚ[ifYXhcUhYbh]WhY]gfYd]YghcBHDA8)W! Ybhgigb[]lgXZU hghcZ\_Yng
- 6fcUXAQH#A i `HAQH H\g a YhcX ga d`JÚYg WbÚ[ i fUjcb cZ'hY Wybłg cb`U[ Y bYłk cf\_g glbW głWJŰW&yfj Y UXXYgyg bYYX bch VY WbÚ[ i fYX ]b` YUW Wybhy *Pk.]bHPgyYa' & PX[ j YgYAKhdV&Z*ÚY``=hWb`VY WbÚ[ ! i fYXY]hYfk ]h cf'k ]hci hA 8) `U hYbHWJcb''< ck Y Yfž]ijg\][\`m fYWa a YbXYXhUiU hYbHWJcb'VYWbÚ[ i fYXk \Ybi glb[ `VfcUXAQH #a i `HWgha cXYXi Yhc hYfYUJj YYQYk]h k\]WUZJYB HD'gfj Yf WbHJYcj YfhYVKWgHJb[ cZ'hYVfcUXAQH#a i `HAQHWJbhgcbhY bYfkcf\_"

# 6UgjMBHD7 JYbhGYh d

#### 6UgWgYnd gfYUhj Ymgla d YzZ

- ∉# Mci `\UjYVYb`UVYhc`g WYggZ``mWaaib]WhYk]h`h\YHYadig 7bhd`cb` mifbYhkcf\_"
- ∉# Mci \YYbgYVXBHDcbmifV}AbhWadihhf"

#### 7cbÚ[ifY`BHD

Mci a i ghiXihhYbalVaZÚYk\]Wpvr£0gzgžhYBHDXUa cbž cc\_gZcf VnXXZI h ]bhYhYPk]bblPgghá ' &PXIj YgPVvXfYMcfmcZhYVcchdUfl]hcb"=Zmi fBHD]bgU! UjcbdUWXh]gÚY]bUXZZfYbhdUW pvrs

i h]]mueržcf i gYUM hYX/lcf lc WXUY hYYei ]j UYbhÚY 5 h.ci [\mi g\ci XÚfgh hýgimi f gYh d'i g|b[ hYZWacfmXZU h#YM#b/a'\_YgÚY]b mi f HYa di g 7 bhd gAfj Yž mi g\ci XWXUY mi f ck b\_YngUZM mi i bXYfgNbXhYdfcWggUbX\UjYmi f VYbhg cdYUJb[ WaffYWank]h hYXZI hÚY''

#### -ADCFH5BH

< UbX]b[ cZhY#Yh#bn/\_YgUY]ghYkYU\_`]b\_]bhYA8) U hYbhWhcb gWaY`=h]gjYm]a dcfHbhhUi]h]gckbYXVmÎUa]b]ghUcfI UbXbch fVUVYVmBmbYchYfhUbÎUa]b]ghUcfI "

5Zhf hfubgzhf]b[ `h.YÚYza U\_Yg fYh.Uh]hğgMhf]mchfcdYh}yg UYghi g Wh.Uh]hjgfYUXUYcb`mhrhXf1Uxa ]b]gffUrcf1"

#### 7cbÚ[ifYBHD

Mci a i ghYAlhhY*bdVd*ZÚYk\]Wpvrf0gzgžhYBHDXU/a cbž cc\_gZcfVnXYZJ h ]bhYhY*Pk]bdPggha' &PX[jYgPViX*fYMcfm=ZmifBHD]bgUUfcbdUWXh[gÚY ]bUXJZZfYbhdUWzmi a i ghÚbX]hUbXYX[h]h 5XXhYgY]bYghchYYbXcZhY*bdVd*Z ÚY

←æ]bÁ**Pk]bbìPgnghiá ' &PXf]j YfgPYhV**^\\*È←æ]b \ã|b\æä←æ]ÁFÁG

A cXZmhY]bYUXXXdfYj [ci gm]b 6UgVBHD7]YzhGYadge hUhU hYbhWh]cb k]``VY i gYXk]h hYHa di g7bhd ghfj Yf i gb[ cbYcZhYhi ghX\_Yng\*]b h]gWgY\_Ynj %

bæã{æãÁFÏGÈFIJÎÈFÈGHIÁ←æ]ÁF

FYlglufhpvrfogzg læ \UY]hVI[]bigb[hYHA dig7blægfjYfk]hA8) UhYbl] Whcb" 6mXZI lžhYBHD]bglUUcbdfc[fUa]bglUgpvrfogzg UgUgfj]WWYX BYhkcf\_HaYDfcheWZUbXgluflg]h Mei aigiigYhYGfj]Wgih]hm]b7cbhfc`DUbY lægrdhYBYhkcf\_HaYDfcheW gfj]WUbXhYbfYlglufh]h

I gYhYBHDih]]mpvrs0gzg hc WWhUnpvrf0gzg ]g WYhc Waaib]WhYk]h hYHadig 7bhd" 6mXZI h]h]g ]bgUYX]b hY*PDfdfUa : ]YPB Ykd\_ HaYDfdcW* g V!XfWhcfmcZmifK ]bXckgBHdUfh]hcb": fca UWbgc Yk]bXckžUZhf ]gg ]b[ hY WaaUbX

pvrs

mi k]``gYYh\Ypvrs Wa a UbXdfca dh

pvrs@

IgYh\YWda a UbX

rggtu

hc Xlgd Unih YBHD dYlfgk \]W mi f Wa di hhf ]gi gb[" C bYcZh Ya 'g\ci `XVYh Y Ha di g 7bhd ghf Yf k \]W mi `\U Y1 ghWbÚ[ i fXX 'Mti 'g\ci `Xj Yf]Znh Un]h]g VYb[ ` HYUWYXÑ fMti 'a Uni\U Yhc WbHbi Y]ggi ]b[ 'h\YdYlfg Wa a UbXZcf Ua ]bi hYcf ikc VZcf Ymi 'k ]``gYYh YHYUWÑWi bh]bWYa YbHL

Mci Wb j Yf Znh Uhu h Ybh Whch jg VY b[ i g XV mjggi ]b[ h Y Wa a UbX

cuuqekcvkqpu

hc Xigi Unih YWUfUMMf [g] VgcZh YWYbhgyfj Yf Uggc VJUfjebg "=b h YÎ U h. Ï Wi a b cZ h YXigi Unizmi g ci XgYÎ C? Ï Zef h Yfek Weff YglebXib[ hc h YHA di g 7 bhd g fj Yf" =Zmi gYYÎ VXi zmi g ci Xk UhUZik a ]bi highe Wg fYh Uhh Yfy [gUdfe VYa gbW Î VXi [g h Y]b]] U gUff cZh [g ghh]b[" =Zh YÎ VXi [bX]Wheb dYggg h Yb mi a i gi WYW mi f WbÚ[ i fUfjeb Zef Yffefg" Hnd]W mh [g [g X Yhe Uhnd]b[ Yffef ]b VMUfjb[ h Y*Pk]bHPggha' & PXij YgPYHHa'\_Yg*ÚYeb h YVYbhh UhWfU c

#### 7cbÚ[ifYƁHD

Mti a i giiXhihYhdWZÚYk\]Wpvrf0gzg

#### ENDRUN TECHNOLOGIES

Ch

$$\label{eq:heat} \begin{split} & \prod_{i=1}^{n} [ggWijcbXigWiVighYHa dig7bldZicbldUbYigfi] bhfZWk [WWbgdggZU[fUd]WiJWi a !Û cfYgWbhXlgdUnfI] : 8 EUbX_YmUX``H_Y_YmUXUbX lgdUndfcj [XYUWbjYb]Ybhi]bhfZW hUhUckg hYigfi`te`ei [WmWWW hYcdYfUjcbcZihY]bgffi a YbhUbXgYh d'a UbmWbhfc``dUfUa Yhfg``=ZXigfYiZhY BYkcf_5Xa ]b]gffUef`WbXlgUY hY_YmUX 98 =H_Ymle`dfYjYbhi bU hcf]nXX Ha dYf[b[`k]h`hY]bgffi a YbhgYh d'` 9jYb`k\YbXlgUYXEU``gfUi g UbX Wbhfc``dUfUa YhfgUYYJUVYZeffYUX[b] cb`m$$

# 8]gd`Un'8YgVØdhjcb

H\YXgd`UniWobggggcZU[fUd\]W% 1 & \$`Xcha Uff] jUM a !Û cfYgWohUffUniH\Y J: 8 `hWoc`c[mcZZfgjYmfYUXUYZVf][\hUd\Ubi a Yf]WWUUWMfgk]h`jUf]UY ZobignYg `Ha Y]bZcfa Ufco`]gfYUXUYYUiXgfUbWg]bYIWggcZ% ZYH `H\Y\_YmUX WobgggcZUbY][\h\_Yngk]WUggYa VniXYg[bYXhcUck YUgndUUA Yhf`gYYMjcbUbX Wobfc "

### BCH9

5ZMr dck Yr [g Udd]YXz h\Y ZcbhdUbY X[gd`Umk]`` fYa Ub VUb\_ Zcf Uddfcl ]a UMmr\$gMMbXgk\]Yh\YHMa di g7bhd[g]b]hU[n]b["

## ?YndUX'8YgVØdhjcb

H\YZcbhdUbY\_YndUXWbggggcZY[[\hgk]HV\_Yng]XbhJÚXUgZ``ckg

- 9BH9F. GYYMUa Ybi ]ha cf cUXUdUUa Yhfk\bYAhb[" 657?. FYh fb hc dfy |ci gX|gdUncf U/cfhUb YXhdfcWgg
- 98=H 9Xhih YdUU YM WffYbhmbj ]Vk"
- < 9@D. 8 gd Uniwbhi hgibghj Y\Yd jbZcfa Ujcb"
- @9: HUffck. GYWhUbYk ]ha hchYYZh

- F≓, < HUffck. GYYMiUbYk [Ma hchλYf][\h
- 8CKB Uffck. GMc "hfci [\ dUUa Yhf j Ui Yg b YAhAgdUg cf hfci [\ \Yd "bYg b \Yd AgdUg"=bU ch Yf AgdUgh g\_Ym UgUgWobAlfmZ bWfcb k \Yf hk ]" cdYUY [\_Yh Y9B H9F \_Ymc gYWfa Ybi ]ha g
  - I D'Uffek. "GMe" hfei [\'dUfUa Yhf j Ui Yg]b YXhXgdUrg of hfei [\'\Yd `]bYg]b \Yd XlgdUrg =b U`ch Yf XlgdUrg h]g\_Ym\Ug UgWebXufmZ bWlcb k\YfY]hk]``cdYUY`]YhY657? \_Ymte fYii fble hYdfYj ]ci gXlgdUth

# 8]gd`Un'UbX`? YndUX`CdYfUf]cb

## H\YXjgd`Unigcf[UbjnXX`]\_Yh\Y]bj YfhXhfYygfi WifYg\ckb`VYck"

|          |       |         | Т                         | ime / Status<br>Display     |     |                     |       |
|----------|-------|---------|---------------------------|-----------------------------|-----|---------------------|-------|
| Receiver | Clock | Display | Faults                    | /ain Menu<br>Network        | NTP | Firmware            | About |
|          |       |         | System<br>Fault<br>Status | Network<br>Address<br>Setup |     | Program<br>Revision |       |

#### ?YmdUX`98=H`@cW\_cih

5g UgWMf]miZUli fYž hY BYłkcf\_5Xa ]b]gfUrcf Wb XgUY U 'YAHJo[ dfcWggYg XcbYhfci [\'hY ZcbHdUbY \_YmUX" H\g UMfcb g\ci X VY dYfZcfa YX hc dfy Ybh i bU h\cf]mXa cXJUWfcb cZ'hY]bgfi a Ybh" H\Y cUci hZUh fYk]``dfy YbhYAHJo[ cb`ržhYXgd'UrgUfUkUrgUjUJUYZcfj ]Yk]b["K \YbhY98=H\_Ym\UgVYbXJgUYZ hYZc``ck]b[ a YggUYk]``Xlgd'Urk\YbY Yf Ui gYfUhYa dhghc YXhUdUfUa Yhf"

DfYgg < 9@D`UiUbmiha Y hc`fYUX h\Y Wobhi HgYbglij Y \Yd`a Yggl[Yg``A cgli< Yd` a Yggl[Yg\UjYa i Wa cfY]bZcfa Ujcb`h\Ub`Wb`VYj]Yk [Uh  $12:59:45 \stackrel{\mathsf{W}}{\stackrel{\circ}{\scriptscriptstyle \vee}} \stackrel{\mathsf{R}^{\scriptscriptstyle \vee}}{\stackrel{\circ}{\scriptscriptstyle \vee}} \stackrel{\mathsf{R}^{\scriptscriptstyle \vee}}{\stackrel{\circ}{\scriptscriptstyle \vee}} \stackrel{\mathsf{C} = 44}{\overset{\circ}{\scriptscriptstyle \vee}} \stackrel{\mathsf{U}^{\scriptscriptstyle \wedge}}{\stackrel{\circ}{\scriptscriptstyle \vee}} \stackrel{\mathsf{U}^{\scriptscriptstyle \wedge}}{\overset{\circ}{\scriptscriptstyle \vee}} \stackrel{\mathsf{U}^{\scriptscriptstyle \wedge}}{\stackrel{\circ}{\scriptscriptstyle \vee}} \stackrel{\mathsf{U}^{\scriptscriptstyle \wedge}}{\overset{\circ}{\scriptscriptstyle \vee}} \stackrel{\mathsf{U}^{\scriptscriptstyle \wedge}}{\overset{\circ}{\scriptscriptstyle \vee}} \stackrel{\mathsf{U}^{\scriptscriptstyle \vee}}{\overset{\circ}{\scriptscriptstyle \vee}} \stackrel{\mathsf{U}^{\scriptscriptstyle \vee}}{\overset{\mathsf{U}^{\scriptscriptstyle \vee}}} \stackrel{\mathsf{U}^{\scriptscriptstyle \vee}}{\overset{\circ}{\scriptscriptstyle \vee}} \stackrel{\mathsf{U}^{\scriptscriptstyle \vee}}{\overset{\mathsf{U}^{\scriptscriptstyle \vee}}} \stackrel{\mathsf{U}^{\scriptscriptstyle \vee}}{\overset{\circ}} \stackrel{\mathsf{U}^{\scriptscriptstyle \vee}}{\overset{\mathsf{U}^{\scriptscriptstyle \vee}}} \stackrel{\mathsf{U}^{\scriptscriptstyle \vee}}$ 

Ha YcZ8UniH\YUf[YbiaY][Jgg\ckbcbhYYZigXYcZhYX]glUnibX]WhYhY WffYbhiljaYcZXihi

HaYACXY. H\Y]bX|WhofbY|hho h\YhaYX|[]hg]Xbh|Úygh\YhaYaCXYUgVYb[ IH7ž; DGcf@C7f2cf`cW1haYL"=Zh\YigYfgYWhg`cW1haY]b1\Y%&\cifaCXž Ub5AcfDA [bX]Whofk]``UdVUf]bgHUXcZ@C7"

#### 8 UN ... 7i ffYbha cbhžXuhiUbXmYUf

#### ChrUha. H\YghrUha ÚYX\Ugh\fYYdcggVYjUiYg

| • | ChfUhia %    | H\YgYfjYf]gZ``mgnbWfcb]nYXUbXUWMfUY      |
|---|--------------|--|
| • | ChfUhia '%%' | H\YgYfjYf]ggbWfcb]nYXhc]lgcW7DI WeWk]h   |
| • |              | i bXYdYbXU/YUWM/UWnBHDVYYblgk]``bchi gYU |
| · |              | ChUha '% ghj Yf'                         |
| · | ChfUhia '%.` | H\Ygyfj Yf [gi bgnbWfcb]nYX'             |
|   |              | BHDWYbbgk]``bchigYUChfUhia % gyfjYf'     |

FWMjYCHIng 78A5 fWMjYgHingUgZ``ckg

- 5 Wei JfY GMEW [b[ Zcf Ug[ bU"
- 8 YAWA 5 gl[bU]gXAWAX
- @cW\_b[.@cW\_b[hch\YDB 7cXYfgdfYUXgdYMfia cZWff]Yft"
- `` HWyb[. @c₩]b[ hc hYWff]Yf"
- @cV\_YX GrbWfcb]nYXhr g[[bU"

Grenha Chuling "=bX]WhgY]h\YfC? cfÛg\]b[:51 @H"5 Zu hefuling]bX]WhghUncbY cf"a cfYcZ'hYVi]h]b"Zu hWYV]b["dfcWggyg\\g/XhVNXXUb"Yffcf"WbX]h]cb""GY :U hggYMjcb"Zcfa cfY]bZcfa Ujcb"

#### AU**j**b`AYbi

DYgg 9BH9F Zica 'hYHa Y#CHi g Xlgd'Unite gYWdhYAUb AYbi Xlgd'Unit HY AUb AYbi dfcj [Xig UWkgg he hYZe``ck ]b[ ]hia g FYWj Yf AYbi ž 7 cW AYbi ž 8 lgd'Unie: U 1gž BYhk cf\_ž BHD AYbi ž: ]fa kUYž UbX 5 Vci h"He gYWdicbY cZ hYgy [hia gi gYhYF=; < HUbX@9: H\_Ynghe \][ \`][ \h]h"H\Yb di g\ 9BH9F he gYWdihY \][ \`][ \hX]ha "H\YgYXlgd'UngUYXYgWJVX]b'XYh] 'Y/ck"



#### FYWJjYf'AYbi

H\YFYMjYfAYbi dfcj]XigUMigghe h\YfYMjYfgHh gUbXcgl/UtcfgHh gXlgdUrg XigN/VXVYck"H\YgYUfYgHh gXlgdUrgcbmUbXWbbchVYYXhX"

#### FYWY]jYf`GHUhig

 $\begin{array}{l} \textbf{CB} F. \ H\ Yg[bU!lc!bc]gYfU!lc]gUb]bX[WicfcZhY78A5g[bUeiU]lnth[H\]gbiaVf] \\ a i ghlnd]WmVY[fYU!lf]hUb&) \ ZcfhY]bgfia Abhlc \ cW' \end{array}$ 

5; 7. ``H\]g ]g h Y U hea U]W[ Ub Webhic ``857 Vnhhž S he &)  $\tilde{z}k$  ]h. `U[ Yi bi a Vxfg ]a d`n[b[ \][ \YF: [Ub'' K ]h. [ccXg[ bU WebX]hcbgh ]gj Ui Y]ghnd]W`n% She &&S''

7\UbbY. `H\]g]gh.Y78A5ZYei YbWrWbbY'VYb[ i gYX"H\YWbbY'Wb'VYdf]aUfm 5ždf]aUfm6žgWebXIfm5 cf`gWebXIfm6"

DBC. H\jgjgh\Ydgyl XcbcjgYcZgyliž\$hc) %%]bib]lgcZ\*(dgyl XcbcjgYVxXYWjdg" 9UWVLgYgylifcb]bUbUfYU\LgUXJZgYbhDBC"

#### CgW¶`Uhcf`GhUhig

H\[gX]gdUndfcj]XighYcgWUtcfHaYVgYgUhgUbXhnY`H\YcgWUtcfWohfc`` gMh]b[f857EjUiY]bX]WhghYZYeiYoWnWohfc``gMh]b["H\Ygnghia`UhcaUf]Wim gMgh]gjUiYhcfYacjYZYeiYoWnMffcfg''JUiYgaUnfUb[YZca`Shc\*)}')"'JUiYg YgghUb%25SScf[fYUhfhUb))25SSk]``gMhY857ZihûU[hUhk]``UddYuf]bhY ZihgUhgX]gdUnH\YH]aY#OthgX]gdUnk]``Ugc]bX]WHYUZihWoX]hcb"

H\YcgWUcfhadY]bXJWhgh\YcgWUcfh\Uig]bgUYX"DcggVYcgWUcfhadYgUY

- Hía dYfUi fY.Wa dYbgUNXWingfU cgW/Urcf fH7LCŁ
- A YAji a !gtV]]mcj Yb cgW/Utcf fA GC 7LCŁ
- < [[\!gtV]] [hrcj YbcgWUtcf fk GC7LCL
- Fi VIXi a cgWUtcf fFVL

#### 7`cW<u>`</u>AYbi

H\Y7`cWAYbiXlgdUndfcj]XgUWkghch\YdUfUaYhfgfYUhXhchaY\_Ydlb["H\YgY UYHaYAcXhz@cWiCZghłiz< cifg: cfaUiz@YddGWkbXgzUbX8Un][\hQj]b[gHaY f8GHL"H\YgYXlgdUngUfYU`XkgWjVXXVck""

#### Hja Y`AcXY

Ha Ya cXYXYÚbYgh Yha YZcfa Uri gYXZcfh YZcbhdUbY ha YXlgd UribXzjZ]bgłUYXz h YcdhcbU ha YVxXY ci hdi h

# ]g UggAThX ]hk]<sup>™</sup>WZ<sup>™</sup>ck W VmUÛg∖]b[<sup>™</sup>]bX|Whcf<sup>™</sup>Ch\Yk ]gYh YZi hWbX[hcb<sup>™</sup>]gZ<sup>™</sup>ck W VmUb<sup>™</sup>Îc\_Ï<sup>™</sup>]bX|Whcf<sup>™</sup>H\YZi hX[gd\UmUbXj Uf]ci gZi hWbX[hcbg UY XYgM]VXVYck.

ØŒWŠVÙÁÁÁØŠŒÙPÁËÁŢ\ÁÁÁØÚÕŒÁËÁŢ\ÁÁÁÁÙQÕÁËÁŢ\ÁÁÁÁÄÖŒÔÁËÁŢ\ AÁÁÁÁÁÁÁÁÁÁÁÁÁÁÁÁÁÁÁÁÁÁ Ţ\ÁÁÁÁČŢ\ÁÁÁÁČQÁÉÁŢ\

: @5G< !: @5G< K f]HY: U h H\]gZi h]bX]WhghUhA Ya ]McdfcWggcfkUgi bUVY Ic j Y[ZnUk f]HYIc hY: @5G< bcbljc U]YdUUa Yhf glcfU YUYU H\]gg\ci XbchYj Yf cWMf i bXyf bcfa U cdYU[cb" H\]g Zi hkci X Wi gY YffU]WcdYU[cb UihYbY] hdck Yf WW]b[ gbW]a dcfhUbhdUUa Yhfg Wi XVYWffi dh H\Yi b]hg\ci XVYfYhi fbYXhc hY ZUMcfn7cffYdUf"

: D, 5 !: D, 5 7cbÚ h

- DC @@! B c Dc``]b[ '9j Ybłg H\]gZi h]bX]WhghUhhY78 A 5 ha ]b[ g Vgngha ]g bchfWJj ]b[ dc``]b[ fYei YghZca hYBHDg Vgngha " H\]gWi XVYXi Y hc U\UXkUY cf`gcZkUYZ]i fY =ZhYWbX]hcbdYfglggUZhf WwJb[ hYdck Yf hc hY i b]hžh]g]gUZhUZi hUXhYi b]hg\ci XVYfYhi fbYX hc hYZWcfmZcf fYdUf"
- @C ! @cW/C gM/Utcf: U)ifY H\]g Zi h]bX/Whg hUh hY @cW/C gM/Utcf D\UgY
  @cW/X @ccd fD@eL ghbhYghYf \Ug Z]YX' H\]g
  WbX/hcb g\ci X bchbcfa UmcWMf i bYgg hY i b]h
  ]g g VYWXX hc ci hcZgdY//Wh/cb Ybj [fcba YbhU/
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  fYhi fbX/hc h\YZ/McfmZcf fYdUf'
- Deee! @cWJCgWDeee: Ui hi H\]g ZI h]bXJWAhg hUh hY @cWJ CgWJUrcf D\UgY @cWJX @ccd fD@eE grbh YghYf ]g i b cWJX" H\]g WbXJIjcb g\ci X bch bcfa UmcWMf i b Ygg h Y i b]h ]g g VYWXX hc ci HcZgJWJ/WWIjcb Ybj ]fcba YbHJ WbXJIjcbg Ch Yfk ]g/zh ]g k ci X VYUZHJ ZI hUbX h Yi b]hg\ci X VYfYh fbYXhc h YZWAcfmizcf fYdUf

#### BYHk cf\_

H\[g X]gd`Undfej [Xig hY U]]Imihe j [Yk UbX a cXZmh\Y bYhk cf\_ghh]b[g" H\Y dUfUa Yhfg ]bWiXY 8 mbUa ]W< cgh 7cbÚ[i fU]cb DfehcW' f8 < 7DEz =D UXXYggz [Uhk UnUbXbYha Ug\_ghh]b[g" 9bUY8 < 7Dhe Uck U hea U]Wghgha WbÚ[i fU]cb cZ h\Y bYhk cf\_]bhfZW' K \Yb 8 < 7D [g X]gUYX h\Y i ghf a i ghdfej ]XY UXYYgg [bZefa U]cb"



#### **BHD**<sup>-</sup>A Ybi

H\YBHDA Ybi dfcj [XYgUWYgghch\YBHDQUhigUbXBHDGhid X]gdUngXYgW[VYX Wck.

#### BHD`GhUhig

H\]gX]gd`Undfcj [XXg]bZcfa Uijcb UggcV[UhXk]h hYBHDg Vgrgha"

ÞVÚÁÓÜUŒÖÔŒÙVÁŦUÖÒÁÁĔÁÁÒ}æà|^å

H\g Xgd`Undfcj [XYg hY i gYf k ]h`U Wbj Yb]Ybha YUbg cZ WYW\_b[`hY WffYbh WbÚ[i fU]cb`UbX Uckg`]a ]hX gYfi d'``Mti`a UnUgc`dYZcfa`UacfY Wad`YfY VfcUXWg!#a i `HWgh`WbÚ[i fU]cb`j ]UUvgnpgv" cf`uuj`gYgg]cb`cf`hY`cW`FG&& Wbgc`Yi gb[`hYpvreqpii`i H]Infi`H\]gi H]Infdfcj ]XYgUacfYgYMfYa YUbgcZgYfi d` UbX]gacfYWad`YfY''=hk]``Uck`mi`hc WYUF\_YngUbX]XbfZnffi gHX\_Yng

|   | 6fcUXMgha cXY  | =bh}gacXYhYVfcUXMghUXxYgg/gXlgdUnhX``=Z<br>A8)UhYbh/Mhcb/ggYYMkXhYhfighX_Ym<br>biaVyfk]``UgcVYXlgdUnhX'' |
|---|----------------|--|
|   | Ai`h]WughAcXY. | H\Yai HWAHUXXYYggaighvY88("\$%%" H\YHH@  |
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| • |                | a i hWahhUZWgdYfa hhXhc dUghfci [\VZcfY  |
| • |                | Yidfjb[cbhYbYikcf_"Ai hjWyha UnUgcigYA8)   |
| • |                | Uhybh/Whjch" = ZgYYWWXZhYhighX_Ymbia Vyf   |
| • |                | k]``Ugc VYXjglUhXX'  |

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#### G\cf**HV/hA**Ybi

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|                  | fyfiy ygh Ywffybhfyzfybw wew dc``bl dub g XJUUbX   |
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| Wohdhja Ya cXY     | Y Dibligh Yha Ya cXYgYhibl g b YZYWZci UbmcdhcbU ha Y |                |  |  |  |
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|                    | WxYcihdihcfZicbhdUbYjUMia!ÛcfYgWbhXlgdUh              |                |  |  |  |
| Wohdhja Ya cXYWobÚ | =bhhfUnhjyg\Y``gnhjdhih.Uhi[i]XY b                    | <b>ZWhZ</b> cf |  |  |  |
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I gĮY

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#### VXXa U`YUdVVzbÚ[`

H\gwa a UbXglufigUb jbhfUklj Yg\Y`gMjdhhUkl ]``[i ]XYh Yfcchi ghf jb WbÚ[i fjb[ hYk Unh\Uhi H7 `Yud gWbbXgUYUdd ]XX 5 hci [\hY78A5 grgha dfcj ]XvgUb U hca UjWa YWUb]ga Zcf Xjggja jbUjb[ I H7 `Yud gWbbX jbZcfa Ujcb hc hYa cV]Y i b]jgž jha UnbchVY dfYlgY Ybci [\Zcf a UbnHa di g 7bhd i gfg' =Z mi 'bYX mi f Ha di g 7bhd hc dfYlgYm\UbXYUbni H7 `Yud gYcbX jbgfhcbg Uia ]Xb][\hcb is bY '\$^ cf 3 bi Um %Tfh Ylja Ygh Un Yud gYcbXgUY jbgfhXtZh Yb mi g\ci XWbgXf WbÚ[i fjb[ mi f Ha di g 7bhd hc cdYUY]bhYi gh! YbhfYX Yud gWbbXa cXY

=b<sup>-</sup>hYi ghi bhhyX Yul gwbXa cX2mi 'a i ghdfcj [XYh YWffybhubXZh fY Yul gwbXj Ui Yg' 'H\Y]bhhuNj YgMjdh [gj YmXhUYX]b'Yl d'Ub]b[ '\ck 'h YgYj Ui Yg UYcVhUbYXUbXi gX' 'H\YfygUgc a cfY]bZfa Ujcb [b'5ddYbX] '8'' 'H\Y9bXFi b HWbc c[]YgĨk WghYa UbhUbgUdU YXj chXhc bchZnb[ 'i ghgcZhYUddfcdf]Uh WffYbhubXZh fY Yul gwbbXj Ui YgUh

#### ENDRUN TECHNOLOGIES

WXIYIc Uj U[]ImcZfYLgcbg" =ZhYfYUYbc chYf Zi lghUiWi XYId'Ub hY]bU/]Imic fYWj YUg[[bUž hYb hYfYWi XVYUVLgYgU]cb ci hU Ycf UbhbbU VcWU Y"=ZhYWbX]hcb dYfggg[bXYUb]]YržhYib]h a UrbYXhc WfYli fbYXhc hYZUhcfnicf fYdUf"

- : D, 5 7 cbÚ[: U h H\gV[h]bX]WhghUhhYa [WicdfeWggefkUgi bUVY he WbÚ[i fYhY: D, 5"H\gkci XVVUAIUZI hUbX hYi b]hg\ci XVYfYhi fbYXhe h\YZUMefmZeffYdUf"
- : @5G< K f]hY: U h H\]gV[h]bX]WhghUhhYa [McdfcWggcf k Ugi bUVY hc j Yf]ZhUk f]hYhc hY: @5G< bcb!j c U]YdUUa Yhf ghcfU YUYU H\]gg\ci XbchYj YfcWyfi bXyf bcfa U cdYUJcb" H\]g Zi hkci X Wi gY YffUJWcdYfUJcb UhhYbY hdck Yf WWJb[ gbW]a dcffubhdUfa Yhfg Wi XVYWffi dh' H\Yi b]hg\ci XVYfYh fbYXhc hY ZWrcfmZcffYdUf"
- @cWiCgWiUtefD@@:Uih H\]g V|h ]bX]Whg hUh hY @cWiCgWiUtef D\UgY @cWXX @ccd fD@@Lghbh\Yghnf Dg i cWh"

#### ENDRUN TECHNOLOGIES

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Há di g'7bht fYglcbgY. NQEMGF"VHQ0"?"8"4223"2;4"26<6:<780569;38954"35":"3"354"39;"4:827":08"20222"223C

#### VNKa Uj Yfg]cb

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IgUY.

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f Há di g 7bhl [bWfdcfUhg gǐ YfU ]a dcfhbhigYMf]mZUi fYghc dfý Ybh U hcf]nYXha dYf]b[ k]h ]gcdYfUjcb" A UbmcZh YgYUYgibXtfXa i 1]! di gf UWAgyWbhc ZtUi fYgcZh Yi bXYfn]b[ @]bi l cdYfUjb[ grghá k \]W Wbhc gh YHá di g 7bhl" Ch YgUYdfcj [XXXVnh YUX]jcbU dfchcW gifj Yggy! YWXZcf ]bWigcb ]b mi f Há di g 7bhdžUbXh Yk Unh Uhi YnifYWbÚ[ i fYX

GWMYi gh U h YohWh ch UK gygg co df ji UWk \]YdYZ fa ]b[ fci h]bYa cb]rcf]b[ UKX a UbhbUWh g gUYdfcj ]XXX/nh YC dYbCG< ]a d Ya YohU jcbg cZh YÎ gWMYg YÏ XV a cbžuu j f UKX]g Wa dUb cb Î gYMYY Wdnh i h] ]hžuer" H YI 78 !CB A D Ja d Y! a YohU jcb cZ h Y CJa d Y B Yhk cf\_ A UbU Ya YohDfche W' fUB A D'L XV a cbžupor f WbZ fa ghe h Y Uhgh = bhfbYng UbX f X2\_bck b Ug CB A D ' žk \]W Ugc gi ddcfhg g!! WfYi gh U h YohWh jcb UbX gygg cb df ji UWh = b UXX h cf\_ H]a YDfche W' XV a cbžpvr f gi ddcfhg Vybhg fj Yf U h YohWh jcb gYMf]ma Y gi Yghe Xhf glcc Ub[ ' cZB HD Vyblg Vnfc[ i YB HD gyf j Yg' H \]gUddYbX] X gM [Vgh Yg' gYMf]ma Y gi f Yg UbX[ ]j Ygh YUY UbVX bYhk cf\_ UXa ]b]gf Urf ]bZ fa Ujcb h Uhk]``Uck Wg tra Wb! U i fUjcb le Úng IYW y WY gyMf]mbYXg'

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H\YYa VXXX@bil cdYUfb[ gngha fibb]b[ ]b'h\YHYa dig7bhd ]g'UgXcb\_YbY j Yfglcb &&% UbXj Yfglcb + cZh\YGUVk UY@bil Xfgff]Villcb''' 5gg W]hg ddcfhgU Wa d'Yh'ghcZgWM[Imdfcj ]glcbg

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- ∉# H\YgYMYYWdmil)]hñuer Y]a ]bUhghYbYYXhtigYhY]bgYMYYhvrdfchtWZcf hfUbgZff]b[dfc[flåidXlhghthYHAdig7bht]

### 751 HCB

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H: dYZcfa hYi d[fUXZc[]b LghYfadi gYf h: hYHA di g7bhdi gb[hY`cWWb! g: YgYf]U=#C dcflžvgnpgv cf uuj UbXdYZcfa hYgYcdYUJcbg

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=b:UXX[h]cbž]h]a d`Ya YohghYJ]Yk!U&X5WAgg7cbhfc``AcXYfU57AEXY(bYX]b F: 7!&&+)"``H\]gF: 7`XY(bYgaYWb]gagZcf``]a][h]b[`hYUWAggcZai`h]dYighg \Yj]b[`jU]ciggYWf]mi`Yyffbc`UhYbh]Wh]cbžUhYbh]Wh]cbcfUhYbh]Wh]cbd`ig df]jUMbhcghYV[ÚŶj]YkġčcZhYChiWifYcZAUbUYaYbh=bZcfaU]cbfCA=LcVYWi hYY'''

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 $k \ YY \ \tilde{a} \tilde{a} * g' \sim \uparrow \uparrow | \land \leftrightarrow \rangle ] \ UbX \leftrightarrow \tilde{a} \sim \tilde{a} \uparrow \sim \uparrow \uparrow | \land \leftrightarrow \rangle ] \ g \ ci \ X \ Yf \ Yd \ UWX \ Vinni f \ Wa \ a \ i \ b]!$   $I \ Yg \ UbX \ [[therefore] [therefore] [th$ 

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f Hia di g7bhd ]bWsfdcfUhigU]h |i a Wihhfmcb ]lg=6A !D7 Wa dUfVYgb! [ YVcUfXWa di hif g Vgrghia Wa dcbYbh H \g Wihhfm]g bdii ghf ghfj ]WVY

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- ∉# 9A 7. 9B )) \$&(f% -, ŀž9B \*%\$\$\$!' !&f% -) k #5%/ 5&-, ŀž 9B \*%\$\$\$!' !' f% -) k #5%-, ŀž9B)) \$&&f% -, k #5%\$\$£7 \Lg5ž J 77=f5df]`&\$\$\$£7 \Lg5ž7=0DF &&f% - +£7 \Lg5ž : 77 DLfh% G \U00ddfh6 GYMacb %) '%- 7 \Lg5ž =79Q \$\$' 7 \Lg5 f5BG=7\*' "(% - &lž 5G#B NG') (, fk #5%/ 5&-+£7 \Lg5