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/HWWHU VHQW YLD HPDLO RQO\ 0SX]LR#5RFNDZD\WRZQVKL

0DUFK

0LFKDHO 3X]LR
5RFNDZD\ 7ZS :DWHU 'HSW
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5(5HPHGLDO 0HDVXUHV 5HSRUW \$SSURYDO
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3:6, ' 1R 1-
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'H DU 0LFKDHO 3X]LR

7KH %XUHDX RI 6DIH 'ULQNLQJ :DWHU %XUHDX LV LQ UH
505)RUP UHFHLYHG RQ 0DUFK IRU 5RFNDZD\ 7ZS
VXEPLWWHG LQ UHVSQRVH WR WKH)HEUXDU\ 1RM
H[FHHGLQJ WKH 3HUIOXRURRFWDQHVXOIRQLF 3)26 PD[LFX

7KH UHPHGLDO PHDVXUHV RXWOLQHG LQ WKH 505 DUH WR

2Q -DQXDU\ 5RFNDZD\ 7ZS :DWHU 'HSW WHPSR
IURP VHUYLFH 6DPSOHV FROOHFWHG RQ)HEUXDU\
73 ZHUH QRQ GHWHFW IRU 3)26
2Q)HEUXDU\ WKH SXPSLQJ HTXLSPHQW IRU :HO
DQDO\]H DQG VDPSOH SLSH GRSLQJ WDSLQJ IRU FRQW
IURP WKH DTXLIHU 7KH %XUHDX UHFHLYHG WKH UHV
UHVSQRVH 5RFNDZD\ 7ZS :DWHU 'HSDUWPHQW SODQV W
VHSDUDWH FRUHVSRQGHQFH
5RFNDZD\ 7ZS :DWHU 'HSDUWPHQW SURSRVHV WR H[SC
E\ -XQH SHUPDQHQWO\ UHPRYLQJ :HOO IURP
ORZHU SRUWLRQ RI WKH ZHO RU LQVWDOOLQJ *\$& ,RQ
5RFNDZD\ 7ZS :DWHU 'HSDUWPHQW SURSRVHV WR FRP

5RFNDZD\ 7ZS :DWHU 'HSDUWPHQW SURSRVHV WR FKRRVH
WKHUHIRUH DQ XSGDWHG 5HPHGLDO 0HDVXUHV 5HSRUW G
UHPHGLDO DFWLRQ PXVW EH XQH EPLWWHG WR WKH %XUHDX

\$IWHU UHYLHZ RI VXSSRUWLQJ GRFXPHQWDWLRQ DQG DQDO
7KLV DSSURYDO LV VSHFLILFDOO\ FRQGLWLRQH G RQ 5RFN
UHTXLUHPHQWV DQG WLPHIUDPHV VHW IRUWK EHORZ

5RFNDZD\ 7ZS :DWHU 'HSDUWPHQW PXVW VXEPLW DQ)
5HSRUW E\ -XQH

,I 5RFNDZD\ 7ZS :DWHU 'HSW LQWHQGV WR FKDQJH DQ\
PHDVXUHV RU WKH SURSRVHG FRPSOHWLRQ GDWH V SH
V\ VWHP VKDOO VHHN DSSURYDO IURP WKH %XUHDX SULRU

:LWKLQ FDOHQGDU GD\ V RI FRPSOHWLQJ DOO UHPHGLD
VXEPLW WKH &RUHFHFWLYH \$FWLRQV &RPSOHWLRQ
KWWSV ZZZ VWDWH QM XV GHS ~~WR WKH %XUHDX GI ZVR F~~

,Q DFFRUGDQFH ZLWK 1 - 6 \$ \$ DQG 1 - \$ &
DQ\ DFWLRQ QHFHVVDU\ WR EULQJ LWV ZDWHU LQWR FRP
UHFHLYLQJ UHVXOWV WKDFWV DZLW:DWHD ID 'YLSRVO D VWLWQG
FRPSOLDQFH ZLWK WKH 0&/ QR ODWHU WKDQ)HEUXDU\
VDPSOH UHVXOW EHORZ WKH 0&/ IROORZLQJ WKH LPSOHP
PHDVXUHV

)DLOXUH WR EH LQ FRPSOLDQFH ZLWK WKH 0&/ E\ WKH
YLRODWLRQ WKH ZDWHU V\ VWHP ZLOO EH UHTXLUH G WR
DQG WKH ZDWHU V\ VWHP PD\ EH UHIHUHG WR WKH 'H
&RPSOLDQFH DQG (QIRUFHPHQW DQG PD\ EH VXEMHFW
SHQDOWLHV

,Q DGGLWLRQ IRU WKH 0&/ YLRODWLRQ WR EH UHWXUQ
V\ VWHP PXVW GHPRQVUDWH WKH SHUPDQH G DFWLRQV
TXDUWHUO\ UHVXOWV IROORZLQJ WKH FRPSOHWLRQ RI W

3HU DQG SRO\IOXRURDON\O VXEVDQFHV 33)\$6' DUH D
XQLTXH DQG WURXEOLQJ FRPELQDWLRQ RI FKDUDFWHULV
UHJXODWRU\ UHVSQRVH WR WKHLU ZLGHV SUHDG SUHVHQI
1HZ -HUVH\ 3)\$6 GR QRW EUHDN GRZQ LQ WKH HQYLURQP
IRU PDQ\ \HDUV DIWHU H[SRVXUH HGGV 3)\$6 FDXVH PXOW
DGYHUVH KXPdq KHDOWK HIIHFWV DW ORZ H[SRVXUHV :K
ZDWHU H[SRVXUHV WR 3)\$6 IURP GULQNLQJ ZDWHU FDQ E
FRPPRQ VRXUFHV VXFK DV IRRG DQG FRQVXPHU SURGXFW
ELRDFFXPXODWLYH DQG WR[LF 33%7' FRQWDPLQDQWV H

ZDWHU VROXELOLW\ 3OHDVH VHH WKH 'HSDUWPHQW¶V 0&
DQG 3)26)RU UHIHUHQFH WKH SURSRVDO DGRSWLRQ FL
1 - 5 D 3)2\$ 3)\$6 DGRSWLRQ 1 - 5 E 3)1\$ *:4
DQG 3)1\$ 0&/ 1 - 5 D

,Q DFFRUGDQFH ZLWK 1 - \$ & 5RFNDZD\ 7ZS :D
REWDLQ D SHUPLW WR FRQVWUXFW DQG RSHUDWH IURP W
EHIRUH LQVWDOODWLRQ DQG RSHUDWLRQ RI DQ\ WUHDWPHQW

7KH *\$& ,RQ ([FKDQJH WUHDWPHQW LV UHTXLUHG WR EH
-HUVH\ 6DIH 'ULQNLQJ :DWHU \$FW 1 - 6 \$ \$ \$ HW V
WKHUHXQGHU *et seq.* \$ & FOXGLQJ 6XEFKDSWHU 6WDQGDUG
3XEOLF &RPPXQLW\ :DWHU 6\ VWHPV DQG DQ\ FRQGLWLRQ
6\ VWHP (QJLQHULQJ¶V SHUPLW

8QGHU &)5 D SXEOLF ZDWHU V\ VWHP PXVW GHYH
PRQLWRULQJ SODQ SULRU WR WKH LQVWDOODWLRQ RI D
HQWU\ GHYLFHV PXVW SURYLGH KHDWK SURWHFWLRQ H
DQG SURSHUO\ DSSOLHG PDLQWDLQ PLFURELRORJLFDO
WHVWLQJ DQG WKURXJK D FHUWLILFDWLRQ SURFHVV LQ
WKH SRLQW RI HQWU\ GHYLFH /DVWO\ VWDWH DQG IHG
SURWHFW DOO FRQVXPHU

5RFNDZD\ 7ZS :DWHU 'HSW PXVW PHHW WKH DERYH UHTX
LQIRUPDWLRQ ZLWK WKH GULQNLQJ ZDWHU SHUPLW IRU U
D ,I DSSOLFDEOH MXVWLILFDWLRQ RQ ZK\ PRUH WKDQ RG
E 8SGDWHG 2SHUDWLRQ DQG 0DLQWHQDQFH 0DQXDO
F 5HYLVHG 7RWDO &ROLIRUP 6DPSOLQJ 3ODQ LQFOXGLQJ
FROLIRUP VDP SOHV UHSUHVHQWDWLYH RI WKH GLVWUL
G 5HYLVHG /HDG DQG &RSSHU DQG LI DSSOLFDEOH :DW
GHPRQVUDWLQJ VDP SOHV DUH FROOHFWHG IURP ZLW
SRLQW RI HQWU\
H 5HYLVHG 6WDJH 6DPSOLQJ 3ODQ GHPRQVUDWLQJ V
GLVWULEXWLRQ V\ VWHP VHUYHG E\ HDFK SRLQW RI HQW
I 5HYLVHG 3RLQW RI (QWU\ 6DPSOLQJ 3ODQ V GHPRQV
FRPSRXQGV LQRUJDQLF FRPSRXQGV UDGLRQXFOLG
SRO\ IOXRURDON\ O VXEVWDQFHV 3)\$6 ZLOO EH FROOHFW

7KH DGGLWLRQ RI D *\$& RU ,RQ ([FKDQJH XQLW PD\ FH
WUHDWPHQW OLFHQVH FODVVLILFDWLRQ WKUHIRUH S
FRQWDFW WKH %XUHDX RI :DWHU 6\ VWHP (QJLQHULQJ
R [ZDWHUVXSSO\ZGWSQMLFRQ](#) VHG 2SHUDWRU &ODVVLILFDV
GHWHUPLQH LI WKH ZDWHU V\ VWHP UHTXLUHV D OLFHQVH

6KRXOG 5RFNDZD\ 7ZS FKRRVH WR UHPRYH :HOO DQG
GHFRPPLVVLRQHG E\ D 1- OLFHQVHG ZHOO GULOOHU LQ D

5RFNDZD\ 7ZS :DWHU 'HSW PXVW FRQWLQXH WR FRQGX
UHTXLUHPHQWV HYHU\ WКУНН PRQWKV LQ DFFRUGDQFH
3)26 0&/ YLRQDWLRQ RU VLWXDWLRQ SHUVLVWV 5RFNDZD
DQG :HOO IURP VHUFLFH DV D WHPSRUDU\ PHDVXUH V
\$ WR 6XESDUW 4 5RFNDZD\ 7ZS :DWHU 'HSW LV UHTXLUH
QRWLFH HYHQ LI WKH YLRQDWLRQ LV WHPSRUDULO\ UHVR

5RFNDZD\ 7ZS :DWHU 'HSW PXVW VXEPLW D FRPSOHWHG
DYDLO DEWISD W ZZZ VWDWH QM XV GHS ZDWHU\ SWR\ SKH
LQ DFFRUGDQFH ZLWK &) 5 G

,Q WKH HYHQW 5RFNDZD\ 7ZS :DWHU 'HSW GHPRQVWUDWHV
SHUPDQHQW DFWLRQ WKH ZDWHU V\WHP VKDOO DW DOO V
WR HQVXUH FRPSOLDQFH ZLWK WKH 0&/ SXUVXDQW WR 1 - 3
LQ HQIRUFHPHQW DFWLRQV DQG SHQDOWLHV

,I \RX KDYH DQ\ TXHVWLRQV UHJDUGLQJ WKLV OHWWHU
GDQLHOOH IDGHVNL#GHS QM JRY :KHQ FRQWDFWLQJ WKH
1- DQG /HWWHU 1R 3(\$

6LQFHUHO\



'DQLHOOH)DGHVNL
&RPSOLDQFH \$VVLVWDQFH 6HFWLRQ
%XUHDX RI 6DIH 'ULQNLQJ :DWHU

FF YLD HPDLO
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5\DQ -)XUUH\ /LFHQVHG 2SHUDWRU
7HUU\ 3LODZVNL %XUHDX &KLHI %XUHDX RI :DWHU \$OO