

Japan's Future Priority Areas of Arctic Policy

**Policy Elements to be Considered on the Development of
the Third Revised Basic Plan on Ocean Policy**

November 2017

Study Group for the Future of the Arctic

(Secretariat)

The Nippon Foundation

National Graduate Institute for Policy Studies

Ocean Policy Research Institute of the Sasakawa Peace Foundation

-DSDQ¶V)XWXUH 3ULRULWV

\$UFWLF 3ROLF\

3ROLF\ (OHPHQWUHQREH & RQVHG HORSPH

WKH 7KLUG 5HYLVHG %DVLF 3ODQ RQ

3ROLF\ (OHPHQWV WR EH &RQVLGHUHG R
WKH 7KLUG %DVLF 3ODQ RQ 2FHDDQ

•YwH ` `€ pH Q 5 P WKBDQ RI LVWKLf ERfHLVp\
JHQJWKHQ DQG VXS SRUWELQHQDMLMFXBWXHDUFKr]“HÁSBQMEFb@QGÀ`C
&RQWULEXWLRQV
(IIRUWV WR DGGUHVV HQYLURQPHQWDO FKDQJ
(QVXULQJ &RQVHUYDWLRQ RI WKH OFHDLQ H (QY
3URPRWLRQ RI WKH 2FHDDQ (FRQRPI\ %OXH (FRQ
6XSSRUW LQQRYDWLRQV IRU SURPRWLQJ VXXW
&UHDWH \$UFWLEHMHOBSSRGUWXQLWLHV
6HFXULQJ 6DIHW\ DQG 6HFXULW\ RI WKH \$UFWLF
&RQWULEXWH WRURDHRQMDLQZ QIQWKH \$UFWLF
(QKDQFH PDULWLQHVRPD\$QLQZ DUKH \$UFWLF
3URPRWLQJ ,QRVHODWLRQDRQ WKH \$UFWLF
&RQWULEXWH WR WKH SURFHVV RUFLQWFHUQDW
V WR EH DEOH WRFRQWULE
SUREOHPV LQ WKH \$UFWLF
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6'*V LQ WKH \$UFWLF

.QWURGXFWLRQ

7KH ,PSRUWDQFH RI WKH \$UFWLF IRU -DSDQ

7KH \$UFWLF DQG LWV DGMDFHQW PDWHURFKVD QJH IDLQK KDYH
ZDUPLQJ DW PRUH WKDQ WZLFH WKH UDWL RI WKH JOREDO D
\$UFWLF VHD LFH LQH WKHQ XGPEHU DSSURJUDJLQJ DW HWLW ZSRM HFWH
WUHQG ZLOO FRQWLQXH WKURXJKVLRQ DW HQHQKRW VHLGDFH QVXQ
FRQWLQXH DW FXUUHQW UDWLHV HMKRI \$UFDWL FH2E G DVX FRXQD
WKH ODUH V

7KH UDSLQ HQYLURQPHQWDO FKDQWKH XQGHUWZDVLQR WKH \$E
ERWK \$UFWLF DQG QRQ \$UFWLF VWLWV KZLOVKHQ JUDQ JHK IRIG
VHD LFH LV PDNLQJ XVH RI WKH \$RSMQEQGHXS5 QVHR \$SBHWQ
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FOLPDWH FKDQJH DQG FKDQJHV LQ \$UKFWKFG DQGRRQFDQOFRQ
ZHOO DV SRWHQWLDO FKDQJHV LQWLVKH VHFUXLW\ HQYLURQP

7KHVH HQYLURQPHQWDO FKDQJHV LQ WKH \$UFWLF UHJLRQ
:KLOH -DSDQ LV QRW DQ \$UFWLF VWDWH EXW D ³PDULWLPH
DIIHFWHG E\ FOLPDWH FKDQJH LQ DQ \$UFWLFKHHULRQLWVXQ
WKH RWKHU KDQG EHLQJ JHRJUDSKLFFDQDQDQDQWKB \$DQDQ
-DSDQ LV LQ D SRVLWLRQ WR HQG PC SR F ...p @ dF

FRPSUHKHQVLYH SURPRWLRQ RI \$UFWSPHQWHDUREVHLQYFDW
HTXLSPHQW VXFK DV UHPRWHO\ RSVHUYLHG YBWLFOOHLWHS89 H

(QKDQFH LQLWLDWLYHV UHODWHG WR \$UFWLF UHVHDFK
z ,Q RUGHU WR LQFUHDVH -DSDQTV SDHVLQWBLQ YLQWLH
LQLWLDWLYHV VSHFLILHG LQ -DSDQTV \$GFWM BHSRQWLFH
VXSSRUW V\WHPV IRU WKH FXUUHQW \$U&6 SURMHFW W KDF
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\$U&6 SURMHFW VWUHQJWKHQLQJ UFRD ODFERIDFWLRQQGL
VRFLDO VFLHQFHV DQG WKH KXPDOQLWLQWHDLZHQGLQ
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6WUHQJWKHQ DQG VXSSRUW LQIUDVWUXFWXUHV IRU VFLHQ
z 3URYLGH VXSSRUW IRU WKH GHYHORSPHQW RI LQIUDVW
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SXUSRVH -DSDQ VKRXOG LPSURYHVWUXFWXUHVXUHQH
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REVHUYDWLRQ HTXLSPHQW \$89 HWFSURGHGHORSSSRD
IRU LPSOHPHQWLQRMREOWZHWKDWK \$UFWLF FRDVWDO
z ,W LV QHFHVVDU\ WR FRQVWUXFW D UHVHDFK YHVVO
FDSDELOLWLHV E\ WKH HDUO\ LQDMWKK SDHFLVWRG
PXOWL SDUDPHWHU DQG ZLGH DUHDORVHRSRDUWLRQLQ
FRQVLGHU \HDU URXQG XWLOLJDWLQJ URHVMKUHFDVGHU
REVHUYDWLRQ LQ DUHDV RWKHU WKFLQWKH \$UFWLQ
WKH UHVHDFK YHVVO

z (IIRUWV VKRXOG DOVR EH PDGH WR DVLGHQWJHQ WH
WHFKQRORJLHV VXFK DV \$89V IRURWKH \$RODEKDDQV
REVHUYDWLRQ LQ DUHDV ZKLFK YHVVOV FDQQRW DFFH
z 'HYHORS DQG PDLQWDLQ WKH OLFURZBYREVFHQQQJ 5D
VDWHOOLWH DQG LWV VXFFHVVU ZKLFK LV QHFHVVDU
FOLPDWH FKDQJH LQ WKH \$UFWLF RFHQ

3URWHFWLRQ RI WKH ODULQH (QYLURQPHQW RI DWLGH \$
&RQWULEXWLRQV

7KH HIIHFWV RI FOLPDWH FKDQJH DUH PRUH HYLGHQW LQ W
ZLWK LPSDFWV QRW RQO\ RQ WKH \$UFWLFHE XLW WKDW HGW
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LQ WKH \$UFWLF 2FHDQ WKDW H[WSKHPUHZHDXWKHDV LQ WKHP
ZLQWHUV D VHULHV RI YHU\ FROGLQJ WKH KHORSWK RUC/ KBRGV
OLQNV WR FKDQJHV RI VHD LFH DUMB EQHWKH \$RWWHFG 2WK
WHPHUDWXUH RI WKH \$UFWLF 2FHDQ LV LQFUHDVLQJ DV D
ZDUPLQJ DQG GHVDOLQDWLRQ DGHFRVLG VWFHWLRQLDULQGLR
HQYLURQPHQWDO FKDQJH LQ WKH \$UFWLF LV QRW RQO\ D S

(IIRUWV WR \$GGUHV&KQYJHURQPHQW\$UFWLF 2FHDQ
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WR ERWK WKH HQYLURQPHQW DQG WKH HFRQRPI\ LQ DQ\ PHDV
)XUWKHUPRUH -DSDQ VKRXOG DWLQJ LK LQDULFDFXDFUR R S IS B D
WKH \$UFWLF FRDVWDO VWDWHV LXGHFRFRQRPRFWLQJ WKKH \$UFWRPLF
VRXQG GHYHORSPHQW RI -DSDQIV PDQLFH WLG XLVWUHLWQDW
FRPSHWLWLYHQHV RI -DSDQIV PRUWONHLQGHXWUHV WKWRLX
HIIRUWV RI WKH SXEOLF DQG SULQDWH FRPSVDRUWV IWR ISQJRV
HFRQRPLF DFWLYLWLHV LQ WKH \$UFWLVK RZFG QV XSRSR UWK DV
LQYROYHPHQW RI -DSDQHVV FRPSORJXWLQGLQWHLKQDWDURQDQ
RI LQG XVWU\ UHSUHVHQWDWLYHV SRULFL & RSKW HO VDFK W KHV
&LUFQH DQG SURRWEHLQGWQDWLSYHQRZOHGJH RI \$UFWLF
LQG XVWULDOLJDWLRQ E\ WKH -DSDQHVV EXVLQHVV FRPPXQLV

6XSSRUW LQQRYDWLRQV IRU SURPRWKQ \$UFWLVW DLQDEOH	
z 5HODWHG JRYHUQPHQW RIFQHWWRISFDYDWHHBRPSRQDWL	
DQG DFDGHPLF LQVWLWXWLRQV VKRROGQRFRSIOGXW	
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WRXULVP LQ WKH \$UFWLF 2FHDQ WKDW DUH FRPSDWLEO	
HQYLURQPHQW)RU WKLW SXUSRVH -DSDQ VKRXO	
LQG XVWU\ DFDGHPLD JRYHUQPHQWFRRODQDERUDWLRQDQ	
z 7KURXJK FROODERQDVLWOLZLWKDWKHPLE DQGWFRUHU-DF	
VKRXOG VXSSRUWEIXVLQDWHLRQRGHQDQGLHLQVRODJDWLRQ	
\$UFWLF 2FHDQ DQG \$UFWLF 6HD 5RXWHV FRROXGLHGGE	
WKH JRYHUQPHQWSDGLFXWKOJIV	
z 6WUHQJWKHQ DFWLYLWLHV IRU UDLFLQV BZDHFROHVPFD	
DFWLYLWLHV ZLWK UHJDUG WR WKYHSUFWLVKQDFVXGIPQ	
RU V\PSRVLXP RQ WKHVH WRSLFV	
z 7DNH SURDFWLYH PHDVXUHV WR LPSURYXFRODQVHQSDQGV	
XSJUDGHG KDUERUV UDLOZD\V DLN SRROQHFDQJWWKH	
\$UFWLF 6HD 5RXWH LQFOXGLQJ GHYHORSRHFQWFRQOD	
+RNNDLGR E\ JLYLQJ WKH IXWXURSRVGHQDMLQR I WKLW	
&UHDWH \$UFWLF UHODWHG EXVLQHVV RSSRUWXQLWLHV	
z &UHDWH LQWHUQDWLRQDO EXVLQHVVQRSSRWWXQLHWRV	
LQQRYDWLRQ VXSSRUWV LQ WKH ILKXOQIRU RHHQDUFKP	

GHYHORS PHQW RI RFHDQ WHFKQRORJYH DIQGLMRLQZWLK
\$UFWLF DQG RWKHU VWDWHV FRQFHUQHG

Z

VXSSRUW DQG UHVSQRVHV IRU DGGULMMLPLHQ G LPDDMLWHLUWH IFQ WKX
ZLOO DOVR EH LPSRUWDQW IRU - DSDR IWRD IFRQ VDLQGE XMHFXWRV
\$UFWLF 2FHDQ E\ PDNLQJ XVH RI I\DPVS DDLQ QDXMIFQJOW KKBUMW
LFH IODVK FKDUWV IRU VDIH QDYLJDWLQFO XDLRQJ FWRQBX\$M
K\GURJUDSKLF VXUYH\V LQ WKH \$UFWLF 2FHDQ DQG XVLQJ
VDWHOOLWHV WKURXJK \$URSHU FWRQVZQWKVDWHV

&RQWULEXWH WR PDLQWDLQLQJ WKH UXOH RI ODZ LQ WKH
z ,Q PXOWLODWHUDO IRUXPV VXFLODWWKHUHQ\$UGMDFR&RXQ
\$UFWLF DQG RWKHU FROVHLLQXHG WWHHQERWHQJHDWKBQV
&RQYHQWLRQ RQ WKH /DZ RI WKH 6HDI V 81Q /WKHE\$UFB\$S
2FHDQ DQG WKDW UHODWHG SULQFO SODZ/ UEFQXGLJHG
3IUHHGRP RI QDYLJDWLRQ ' EH UHVSHFWHG
z ,Q RUGHU WR PDLQWBEHQDQJGHSRQV DWHDFRQKQDQDIEWL
SDUWLFLSDWH LQ WKH IXWXUH SRFWKH \$UEQWHQEDDQ
DQG EXLOG FORVH FRRSHUDWLYHIRUH QDWXBQQKLSHDZHW
XVH RI WKH \$UFWLF 2FHDQ
z ,Q SUHYHQWLQJ DQ HVFDODWLRQ GHWHQVLRQV VQFWK

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3URPRWLRQ RI ,QWHUQDWLRQDO &RRSHUDWLRQ RQ WKH \$U

(QYLURQPHQWDO FKDQJHV LQ WKH \$UFWLFDWLRQ RI WLDLQDO VFR
ZKHWKHU \$UFWLFDWLRQ RI WLDLQDO VFR WLDLQDO VFR WLDLQDO VFR
UHVSRRQLQJ WR WKRVH LVVXHV \$WUDMLRQDO VWLPH QIDQWLIR
ZHOO DV FRRSHUDWLRQ DPRQJ LQGDMWLLPSRUWQQWUHRUHDSUFR
VXVWDLQDEOH GHYHORSPHQW LQ WKH \$UBWHFFUZKHWHQHJCO
FRPPHUFDO RSSRUWXQLWLHV VXFWDVDQVHWKMHGRYHVKRHS
QDWXUDO UHVRXUFHV

6LQFH UXOH PDNLQJ UHJDUGLQJ DQG FRRUGLQDWLRQ RI L
VXEVWDQWLDLDO\ WFWLFDWLRQ &RXQWLQV KSHUW FZLVKH WHQH DGHPFXYV
QHFHVVDU\ LQ RUGHU WR VDIHJDW DGOFRDGHFHQDDWLROBOEHQ
WKDW -DSDQ KDV REVHUYHU VWDWXV LQ WKH \$UFWLFDWLRQ &RXQ
\$UFWLFDWLRQ LVVXHV LHWK)RUWHMRKILV H\$SRXQV HDWDSDQ VRSRUWD
GHYHORSLQJ H[SHUWV RQ \$UFWLFDWLRQ LVLXHV ZKHV DWHV DIEROY
VXVWDLQDEOH GHYHORSPHQW RI WKH \$UFWLFDWLRQ DQG WR SDUW
LQWHUQDWLRQDOHIDWILQ &RXQISROW,DQVWVRO \$BRPFRWH DQG
MRLQW LQWHUQDWLRQDO \$UFWLFDWLRQGHQDVK \$UFWLFDWLRQVWHDMY
WR LQFUHDVH LQWHRQDQLRQDDQFRSRXQDFH GHYHORSPHQW

7KH FKDOOHQJHV IDFLQJ WKH \$UFWLFDWLRQ IDDO\ WRBJOXIQ
VWDWH RU WKH \$UFWLFDWLRQVWDWHVRDGRQHWRDQ&EFHWV\$XQWL
FUHDWH QHZ RSSRUWXQLWLHV WKDW DUH WUDQVQDWLRQDO
VWUHQJWKV LQ VFLHQFH DQG WHFKQRORJHUVKWXQJJDWKNDE
DQG PXOWLQDWXU\$DQFRSDQWLRQDQZFRWKHFRQDWLVE XWLRQV
LQWHUQDWLRQDGYDOPIHQZRWKH IDJHQQDQRQ RFHDQ JRYH

,W LV DOVR LPSRUWDQW IRU -DSDQ WR FRQWULEXWH WR ID
6'*V' LQ WKH \$UFWLFDWLRQ DV SDUW RI LWV ,QQWHIDQVWRQV
\$UFWLFDWLRQ &RXQFLQKDSQ LW BGLXPWIDRQVGHYHORSPHQW *RDOV DQG
IRU WKHLU UHDOLJDWLRQ' LQ WKH \$DQDEBQNLVWHFHQDDWLIRQ

&RQWULEXWH WR WKH SURFHVV RUFLVQWVHUQDWLRQRDO UXOH
z \$FWLYHO\ SDUWLFLSDWH LQ PHHWLQJV UHODWHG WR LQ
VXFK DV WKH \$UFWLF &RXQFLO \$&FXVQLR QV FERXUHGJ HR Q
VFLHQWLILF JURXQGV LQ RUGHU WR WKHQV X QW HVUHQD WQRV
FRPPXQLW\

z \$FWLYHO\ HQFRXUDJH UHODWHG FRXQWUXLOHV WR OVDZ'N H
RUGHU WKDW UHOHYDQW LQWHUQIDRQLR & RQ YOHUOZV LQQF QX
WKH /DZ RI WKH 6HD 81&/26 EH DSSHFHQD G WQGMUV
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LQFOXGLQJ WKH \$UFWLF 2FHDQ

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z %\ SURPRWLQJ LQWHUQDWLRQRDO RIRQQW XUHQD VEHQFRV
DOVR LQ WKH VRFLDO VFLHQFHV DQGV KILRQLQV HV
LQWHUQDWLRQRDO\ FRQWULEXWHQRKDIG\$UFWLFLQV XH Q Y
WKH ZDUPLQJ RI WKH \$UFWLF 2FHDQ RQ JOREDO FOLPDW

z 3URPRWH \$UFWLF FRSHUDWLRQV DWHFRVQLRQJ R IWH
ELODWHUDO DQGRQW XQWHODVHQDQ\$UFWLF WR Q FQXHQJDR I
DJUHHPHQW RQ VFLHQWLILF DQG WHFKQRORJLFDQ FRRS

'HYHORS DQG IRVWHU KXPdq UHVXUQV LQ V SUREOHPV IQR
\$UFWLF

z ,Q RUGHU WR FRQWULEXWH WR VROYLQJ SUREOHPV L
HGXFDFWRQ DQG UHVHDFK IRU WUDLQLQJ DQG VHFUXL
WKH QDWXUDO VFLHQFHV LQFOXGLQDQV WHFKQRORJL Q
KXPdqLWLHV

z &RQWULEXWH WR WKH FDSDFLW\ EXLOGLQJ RI SHRSOH
FRRSHUDWRQ WKURXJK SURYLGDQJ VXSIRUZWWRU DLSQV
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UHVHDFKHUV LQ WKH \$UFWLF VWDWHV

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WKH \$UFWLF

z *LYH FRQVLGHUDWRQ WR WKH \$UFWLF RQDTXHUHFKDW
SURPRWH ³WKH 6XVWDLQDEOH 'HYHORS \$PHQVLRQDOV 6
3ULQFLSOHV' DQG ³6SHFLILF OHDVXUHV WR \$FKLHYH

*RDOV ' WKDW ZHUH³6XVRSWLRQ EOH WKYHGRVSPHQW *RD
3URPRWLRQ +HDGTXDUWHUV' DW WKHLQ UHFHPELHQVWHU
ZLWK SDUWLFXODU IRFXV RQ DQKHHDQJ*RBDO R
RQ 2FHDQV DQG 6HDV