

GUIDEBOOK ON ENVIRONMENTAL LAW: REPUBLIC OF THE MARSHALL ISLANDS

KOLAJERAKIN KAKIEN KO NAN BELAAK KO BELAAKID
REPUBLIC EO AN AILON KEIN (MAJOL)



IJJINO KIN

Republic eo an Marshall Islands (RMI) government emoj an erra ilo elon jekjek in kein komadmod (instruments) ko reaurok jen belakin lalin einwot eo ilo 1992 United Nations kwelok eo ikijeen (*Biological Diversity*) men ko rej eddok im mour, 1972 kwelok eo ikijeen aurok eo an ailin ko ewor dren/bat ko ie (*Wetlands of International Importance*) im eo ilo 1992 United Nations (Framework) Monakjen in jermal eo ikijeen Ukoktak in Mejatoto (*Climate Change*). Ilo Majol in ewor obij ko rej lolorkjake belaak ko emoj aer ejaak, ilo 1984 obij eo an National Environmental Protection Authority, im ilo 1988 Marshall Islands Marine Resources Authority eo.

Kejbarok im lolorkjake men in jerammon ko ej mottan wot wewen mour im manit an armij in Majol jen taujin (*thousands*) iio ko remotlok einwot ilo ejjelok kajjitok bwe ej am makitkit im mour rej ekkejil wot ilo men in wonmanlok im ukoktak ko ilo lalin ikijeen ene im lojet. Rainin, ilo lalin jet ian wanjonak ko reaurok ikijeen lojet im men in eddok ko ie jemaron in loi ilo RMI. Ijoke, jet iio ko remotlok, wewen kein emoj aer jino jako lok itok jen an jab jejjit kejerbali ekoba makitkit in jermal ko retar jen jonaeir. Jorren ko ilo belaak ko rej walok ilo an jab tiljek kejbarok elon kain kobij (*waste*) ko im kio rej mottan wot mour eo ilo rainin emoj aer ajeded im alikar. Nien dren ko im ijoko reaikuj erre (sanitation) elap lok aer jorren jen ien nan ien. Tar jen jonan enwod (*Overfishing*), elap tata ijoko rebake barijet eo, ej men in ad kolmenlokijen kake jen ien nan ien, einwot ke ej wewen eo in nan kejbarok wod ko ad im men in eddok ko ie.

Nan bukot mejlan men in aikuj kein, Kien eo an RIM im Jukjuk im Bed ko emoj aer kokajurlok men in jibadbad in nan kekomannalok jermal in kejbarok belaak ko im ijoko rej eddoin lolorkjake jermal in. Ewor naan in kean ko ilo pepa emoj aer druojlok ekoba juon erre-manlok nan 2018 (*'Vision 2018'*) - mottan eo iman jen Kien eo ikijeen men in wonmmalok ko (*the Government's Strategic Development Plan for sustainable development from 2003-2018*), '2008 Monakjen in jermal eo ikijeen lolorkjake Belaak ko (*the '2008 Coastal Management Framework'*) im 'Reimaanlok – Reimaanlok nan iliju im jeklaj (*Looking to the Future*), ijoko emoj kalikari bwe rej jet jikin ko elap aer aurok ilo Majol in (*National Conservation Area Plan for the Marshall Islands, 2008*).

Bar juon wanjonak eo eman ilo jibadbad in (*2006 Micronesia Challenge*) ej kin erra\kon (*agreement*) eo ikotaan Majol, FSM, Republic of Palau, Guam, im Commonwealth eo an Northern Marianas Islands nan kejbarok men in jerammon ko einwot ke rej men in aurok nan men ko bwinnid, manit im mour ko aer.

Book in ej men in lelok nan Kien eo ikijeen jibadbad ko an nan kedebakbak lok jermal in kejbarok belaak ko im ijo (*Droulul*) ej eddoin jermal in kejbarok men in jerammon ko ilo RMI.

NAAN IN KILE (ACKNOWLEDGMENTS)

Project in ej lelok naan in kamolol kin money in jiban eo letok jen Kien eo an Canada im iumin lolorjake an Secretariat of the Pacific Regional Environment Program (*SPREP*). EDO NSW kin jiban eo jen objij eo iloa Dr. Sarah Waddell, kar kadedelok book in jen jiban eo an Eleonora Bergamaschini iumin kenono ko ibben SPREP im objij eo an Environmental Planning im Policy Coordination eo an RMI. Ro raar je Book in rej lelok aer naan in kamolol Dr. Dean Jacobson, jen College eo an Majol, kin jouij eo an ikijeen jet pija ko jiban tok kaki im likit ilo book in.

MELELE KO ILOAN BOOK IN

Naan kein ilo book in rej letok jet kain melele ko ikijeen mo/kakien ko rekitbuj belaak eo ilo RMI (*environmental laws RMI*). Mene aolep melele ko reaurok kar bojak tok kaki ilo book in, botab rejjab substitute nan legal advice elane ej itok nan case ko an kajojo.

CURRENCY

Melele kein iloan book in rekaal jeje ilo 15 May 2013.

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AUROK EO AN BOOK IN

JIBADBAD EO AN BOOK IN

The purpose of the Guidebook is to help increase awareness and understanding by the citizens of the Republic of Marshall Islands (RMI) of environmental legislation that has been passed for environmental protection and conservation of natural resources. The Guidebook has been prepared as a user-friendly reference book that summarises the rights, prohibitions and obligations that arise in relation to particular priority areas for environmental protection and natural resources management.

The public is often unaware of the role that they can take in enhancing environmental protection. The Guidebook seeks to increase the public's awareness by summarizing provisions that have direct relevance for the community. However, it does not provide a critique of the adequacy of the legislation that currently applies, nor does it analyse how legislation may be interpreted in any particular situation.

PART ONE introduces the background to environmental protection and conservation of natural resources in RMI and briefly touches on some of the issues that are of most pressing concern.

PART TWO is divided into seven environmental themes critical to RMI. Each theme is introduced and then followed by a framework that identifies any formally acknowledged RIGHTS and what MUST or MUST NOT be done by members of the community.

ARMIJ RO

Book in ej nan kien eo iolap (RMI) botab lukkun unleplep eo an ej nan armij ro, ekoba kajojo ak ro remakelok iaeir (private individuals); land owner ro ; Developer ro ; Dri Business ro; Ro rej bok eddoin leto-letak mweuiuk; Dri Enwod ro; Hospital im Dri Kallip ro. Kejatdrikdrik eo in bwe en ukok ilo kajin Majol im kajedede ibelakin RMI jen Kien eo lolap ekoba jukjuk im bed ko ilo aelon ko ilikin im bukun jidrik ko ; Droulu ko an NGO; Jikin bok Jelalokijen eo; im droulul jidrik ko bareinwot nan ro rej bok kunaer ilo jermal in jen national im local government jimor.

Jej kejerbal color kein nan kalikar melele ko:

MELELE KO ILO BOX KO

Melelein kajojo naan ko kejerbali im likiti ilo kakien ko.

NAN KAKEMEMIJ

Tarlep ak melele eo ilo tu-kadru in ejelet un in kenono eo.

AIKUJ AK AIKUJ JAB

Melele ko rej kalikar ta ko aikuj lori ekkar nan kakien ko.

ACRONYMS

CITES	Convention on the International Trade in Endangered Species 1971
EIA	Environmental Impact Assessment
FSM	Federated States of Micronesia
IUCN	International Union for the Conservation of Nature
MIMRA	Marshall Islands Marine Resources Authority
OPS	Office of Planning and Statistics
RMI	Republic of Marshall Islands
RMI EPA	Republic of Marshall Islands Environmental Protection Authority
SPREP	Secretariat of the Pacific Regional Environment Programme

MAP OF THE REPUBLIC OF MARSHALL ISLANDS

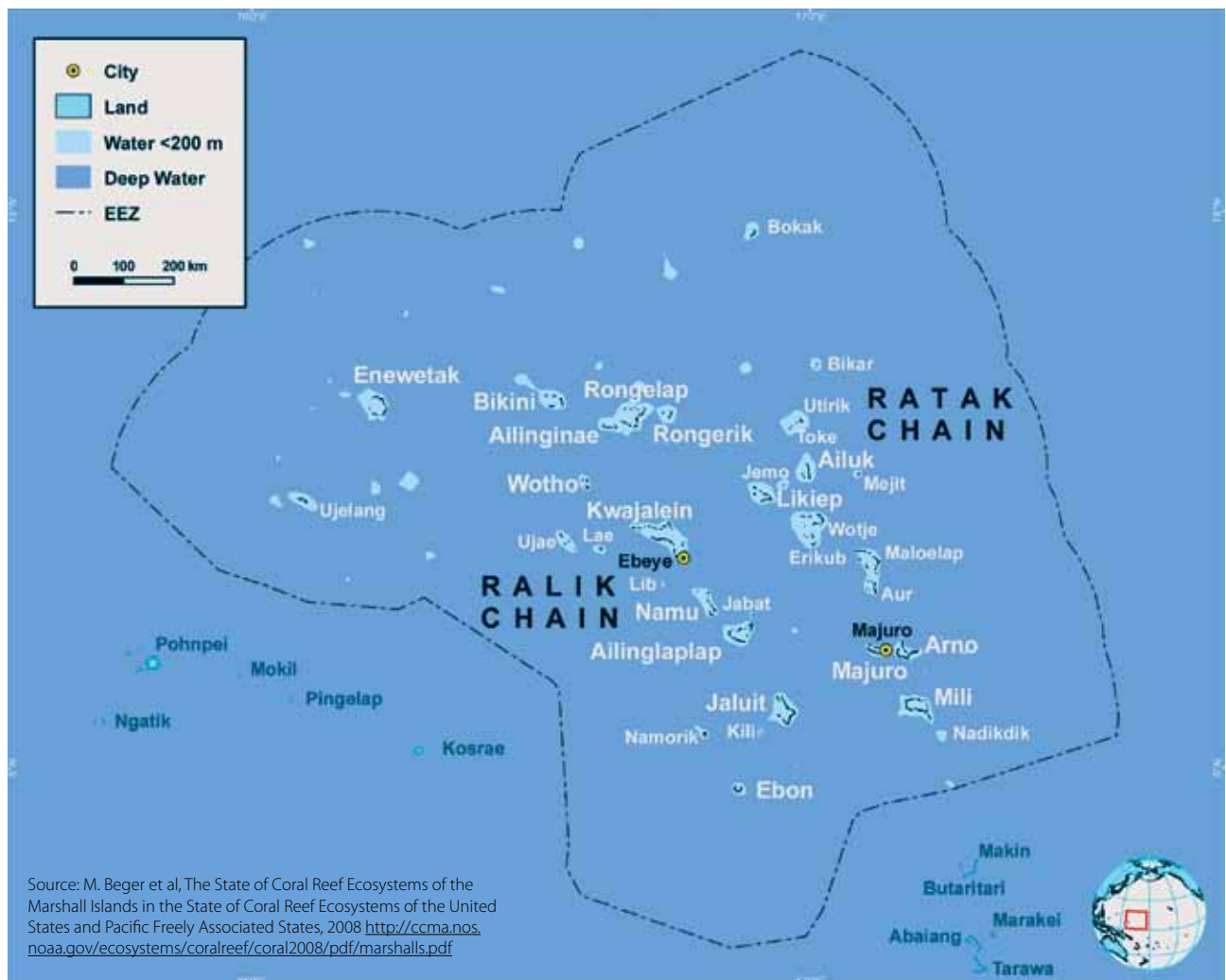




Photo: DJ

MOTTAN EO IMAAN

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EJ IJJINO KIN

AUROK EO NAN KEJBAROK BELAAK IM MEN IN JERAMMON KO IE



MOTTAN EO IMAAN: EJ IJJINO KIN

1. AUROK EO NAN KEJBAROK BELAAK IM MEN IN JERAMMON KO IE

Mene Majol in (RMI) eoaetoktok im debakbak kin jonan in 822,779 square miles ilo Pacific in, kobain aolep ene ko (land mass) ej 70 square miles total im jonan uteij in ej 2 mita. Melele kein make rej kalikar bwe mour an armij ilo RMI elap wot an bedbed ilo jokkin wot juon eo an men in jerammon/ aurok ko ion ene im ilo lojet eo an, im rej kaliar un eo elap ilo jibadbad in nan lolorjake im kejbarok wewen ko renaj kemoururi im kwonmanlok mour an Armij in Majol.

Mantin mour an armij in Majol ej bedbed wot ilo lojet im kein ikkan ko jen taujin iio remotlok; manit eo ar komman bwe kemin mour ilo jokane, im naaj mour maanlok wot kin, men in jerammon ko ibelakim. Ijoke, elon iio remotlok, mantin mour/jerbal im jelalokijen raar jino aer jako lok ilo jet ian aelon ko ilo RMI im, elaptata ijoko elon lok armij ie (urbanized areas), jukjuk im bed ko rej kio bedbed wot ion mona im kein jerbal ko jet jen ilikin jen ko remaron boki jen belaak eo aer. Mene elon wewen ko remman ilo jekjek eo ilo rainin, ekoba bed ilo jikin bok jelalokijen, jikin kenono ko im ad maron tobar lal ko ilikin Majol, emoj an letok kolmenlokijen ibben armij rainin im ekka an kakkure belaak eo (natural environment) nan wanjonak kobij ko rej ilok im rej kakkure lojet eo.

Jej aikuj bukot jet wewen jerbal ko renaj drebij wot jekjek in manit im mour im rej boktok jerammon, botab makitkit in jerbal kein ren jab kajejtokjen im kaban ijo elap kejatdrikdrik kake im ej eddoin lolorjake im kejbarok belaak eo (environmental protection system). Men in jerammon ko jaar mour maantak kaki iumin elon ebeben ko rej aikuj bed ilo kejbarok bwe jen maron emourur im jutak kajur ilo ad jelmae wewen ko rebbin ejjelok melele kaki iliju im jeklaj.

Nan kommane wewen in, jej aikuj kejbarok mottan (component parts) ko reaurok ilo belaak eo einwot lojet ak malo eo ad (marine water quality) ekoba ecosystems eo im ej lelok jerbal in kejbarok ak ekka aer ba jerbal in kejbarok eo an lojet eo im belaak eo (ecosystem services). Jej loe wanjonak kein einwot an Mangrove wiki ko drebij an walontak dren im jikin likebijnak nan ek jidrik ko ilo aer drittlok ie ak an wod ko rubi-rubi im kakkurkuri kajur ko an no ko rellap.

Ebar wor men ko reaibuijuj jemaron in loi ibelakin 1,225 ene ko im 870 bedbed ko ilo Majol ekoba 800 bwij (species) in ek ko im 160 bwij (species) in wod ko. Kio elon lok, jet jikin ko lalin ej kile (recognized) ilo RMI bwe ej mottan jikin ko reaurok. Jikin kein rej aikuj bed ilo kejbarok nan iliju im jeklaj bwe ajiri ro nejid iliju ren maron loi, monono im jerammon kin aibuijuj in belaak kein im jej loi ilo aelon kein rainin.

2. ETKE JEJ AIKUJ EJAARI KAKIEN AK MO IM DROULUL KO TELLOKIER (Institutions) NAN LOLORJAKI MAKITKIT KEIN

Ilo **Jemenei ne an Republic of the Marshall Islands** ej ba:

Ewor unin bwe en utiej buruom kin ro jemem mokta, ro raa beran in kijoon meto ko rellap im ear ejjelok melele kake ilo lometo in Pacific in elon buki yio ko remotlok, im rar maron ella ion aban ko rebbin ien otemjej non drebij im boboj juon bed im mour eo ebin ion ene jidrik kein ilo jibadok eo air eaurok non kalek jukjuk-im-bed in air ejelok uan. Jukjuk-im-bed in emwij an dreblok melejon eo an ien, erertok in mour im manit ko jet, jorran in tarinae elap, im wonen eo edro im emwij kollaiki non un ko non drebij ainemon im jokane eo an lol in. Kim im men ko jabrewot am rainin einwot juon armij ak lol, kim ar tobari einwot menin jolet ko reaurok ko kimij kalimur bwe kim naj onaki im kejbaroki ilo am kaurok ejelok bar juon men elaplok jen lemoren in am ion ene kein.

Naan kein rej kwalok bwe Kien eo an RMI ewor an eddo nan lolorjake im kejbarok mour im manit eo ad aurok im nan lolorjake jikin likebijnak (home) an armij ro ilo ene ko ilo RMI rainin im iliju. Wewen eo eman tata bwe Kien eo en ketobrake eddo in ej walontak kin jet wewen kakien ak mo ko rebbin (effective) ikijeen kejbarok belaak eo im Droulul ko renaj jermal lolorjake im kejbarok men in jerammon im men ko bwinnid.

(Legal System) ak ljo ej juraki kakien ko ejjab jemlok an kobatok im letok jiban ilo makitkit ko nan lolorjake kejbarok belaak eo ad. Kakien ak Mo ko (Laws) rej kile im kauteij JIMWE im MARON an armij ro. Rej bareinwot katakin kin wewen ko aikuj lori (KWOJ AIKUJ IN) im jermal im makitkit ko emoj kamoiki (KWOJ AIKUJ JAB) ak emo mae ien melim emoj lelok jen Kien eo ak Droulu ko tellokier. Elane melim eo enaj dredrelok jen droulul (agency) eo ej eddoik jermal eo, enaj ilok ibben emaron ekkejil jet kemelele im wewen (conditions) ko aikuj bokaki ak lori. Kakien ak Mo (Laws) ko rej ejaak im walok elane bwod in makitkit ej walok, jekjek ko ilo jorren eo im jekjek ko rej na-wonen jorren eo. Emoj bareinwot lelok maron ion Droulul ko tellokier nan jiban juraki kakien ak Mo kein.

Kakien ak Mo (Laws) ko jej aikuji nan ejaaki Droulul (Agency) ko einwot RMI EPA im MIMRA im lelok maron, eddo, im jermal ko ioeir. Rej lelok ion Kien eo eddo (obligations) eo nan bok jet bunten ko im remaron in bar lelok jet kokabiloklok ko einwot jet jekjek ko nan na-wonen (accountability mechanism) jorren ko im Kien enaj eddoin lelok jemlok eo.

Kakien ak Mo (Laws) ko remaron bar jermal nan elon wewen ko ikijeen kejbarok belaak eo ilo an ejaak im jermal monakjen (framework) in jermal ibbendron einwot ilo wanjonak juon jukjuk im bed ej jino juon program nan kejbarok aolep wod ko ibarijet in aelon eo ak juon karkan makitkit in jermal nan kejbarok im bobrae an ietlok ek ko itorerein barijet in aelon eo ak rejan im karuj kolmenlokijen an armij ro ilo jermal ko rejijit, nan wanjonak, kejerbal nien jobjij ko im nan kajutak nien dren ko ak kekommanlok jermal ko ikijeen jarom ak meram (electrical) nan imoko imon armij ro.

3. MEN IN AUROK KO ILO BELAAK EO ILO RMI (ENVIRONMENTAL ISSUES IN THE REPUBLIC)

Jet ian wewen ko reaurok ikijeen belaak eo ad jemaron jela kaki. Jen ien an ien, aban ko ikijeen an **jabwe dren** ilo jikin kejbarok dren ko an Kien im dren ko ibulon bwidej armij rej kejerbali. An etonon melan ko im an ajeded kobij in men in mour ko ebar komman bwe en jelet erro eo an dren eo.

Dren ko ibulon bwidej (**aiboj-lal**) rejjab eman nan kejerbali (**contamination**) im jol (salt) eo emoj an kobalok ibben aeboj eo walok jen an kajur lok walontak in dren eo (**rising sea levels**). Joto-jotak kobij (**Littering**) im jab jejjit kejbarok kobij ko komman jen maal (iron), plastic, bato im ko eirlok wot jej loe kin mejed rainin. Jorren ko jet mottan wot wewen in im jemaron in jab loi ej ilo kein jermal im manman men in mour im men in eddok ko rekautata (**Hazardous/toxic waste**) ak **pesticides** im men ko jet einwot **persistent organic pollutant (POPs)**.

Ilo jikin ko elon lok armij ie (urban areas), wewen ko nan drebij erre eo an lojet ej juon men in aikuj eo ejelet elon un ko ikijeen ejmour an armij bareinwot jorren ko rej walok nan men in eddok ko ilo lojet eo itorerein barijet (nearshore ecosystems). Ilo jet jikin ko, erre eo an dren eo itorerein barijet ejjab eman itok jen dren ko retonon rej toor lok jen ion ene (sewage) ekoba kobij an men in mour ko. Jermal (Development) ko itorerein lojet emoj aer kajededlok lim eo (sedimentation) itok jen an jab jejjit jermal. Men eo elaptata in, aer kubij tok bok eo ibulon lojet enaj komman an limlim im komman bwe wod ko ren mij lok elane ejjelok jermal in bobrae. Jermal kein rej aikuj makitkit kin melim, einwot juon men in aikuj, nan etale im katak kake elane renaj jelet belaak eo. An mij lok men in eddok ko (loss of vegetation) ilo lojet eo (barijet/ion kabbe) ilo juon wewen ekomman bwe en kajurlok walontak in dren, im ebar einwot komman bwe lojet eo en limlim im etonon (siltation and degradation).

Im bar juon, wewen ko jet rej komman an kauotata lojet eo ej ilo an waan enwod im ejerakrok ko ketoorlok oil ko, kobij in dren ko ak dren ko jen em jidrik ko ion wa kein.

Bar juon men ejjab eman jej aikuj lomnak kake ilo RMI ej ilo makitkit ko an armij im rej kakkure aibuijuij eo, aurok im jermal eo an **ecosystems** eo elaptata ion ene, kabbe ko, na ko, itorerein aelon kein. Jorren eo ilo ecosystems eo walok jen land development project ko ej alikar lok itok jen an lonlok armij ilo jikin kein, ekomman bwe en ietlok men in eddok ko (wijki), im remman nan mona im jemaron in bar kalbin ine ko ie, im an jako lok bao mule ko ion Majuro im Wotje. Aolep jorren kein rej walok ilon renaj jelet ecosystems eo im jermal eman eo an nan jukjuk im bed eo. Bar juon, tar jen jonan enwod itorerein aelon kein ekomman bwe en maatlok ak ietlok ek ko kijed. Ilo malo ko, tar jen jonan enwod ej bar komman bwe en ietlok ak maatlok ek jen makitkit in jermal ko an waan enwod ko rellap.

Jet ian men in mour ko emoj kalikari bwe emoj an ietlok oraer (endangered species) ej won (turtles) ko, matmat eo ilojet (sponge), jukkwe (oysters) im ko eirlok wot. Men in mour ko jet (mammals) rej bar bed ilo kejbarok im aolepen belaak eo ilo Majol emoj kamo enwod bako nan kadriklok ietlok in oran bako

4. JORREN KO WALOK JEN UKOKTAK IN MEJATOTO

Ro elap kabel ibbaeir (scientist) rej erra wot ibbendon bwe an kajurlok wewen in ej kakkure (greenhouse gases) mejatoto eo ilo lalin ekomman bwe okmenen eo ilo lalin en lablok jen jonan im makitkit in mejatoto (climate system) eo en oktak lok.

Greenhouse gases ej mejatoto eo etton ak baat ko ewor oaijin, nan wanjonak—jorren in ej walok jen kobij in uno ko rekkajur im ewor mottan paijin ie einwot--carbon dioxide-CO₂; methane (CH₄); nitrous oxide (N₂O); hydrofluorocarbons (HFCs); perfluorocarbons (PFCs); im sulphur hexafluoride (SF₆). Men eo elap kunan nan jorren kein ej **carbon dioxide** eo im ej druojlok jen aer tili kaan ko, elaptata coal, oil, im gas.

Kin wot an kajurlok okmenen eo ilo lalin, makitkit in mejatoto eo emoj an jino oktak lok koto drikdrik ko rej jino erom lan ko rellap (storm) im an mora (drought) belaak otemjij emoj ad jino kamoli wewen kein ibelakin lalin. Men in elap lok an jelet RMI ilo an tar jen jonan an mora (drought) belaak eo, eo im enaj kolablok aban eo ikijeen dren ko nimed iloan raan kain. Elon lok lan ko rekkajur (severe storm) rej kakkuri torerein ene ko (coastline), melelein bwe makitkit in jermal ko aikuji nan kokajur lok wewen ko (buffers) rej drebij ak bobrae jiban barijet ko, jet ian wewen kein emoj aer mojno lok itok wot jen an jab jejjit jermal in bobrae im kejbarok jen ijoko tellokier. (Sea Level) Jonan level in dren eo ilojet ilo RMI ej walon lok kin 3 mm aolep iio otemjij, eo im ekomman bwe en mokaj lok aer tori im kakkur torerein ene ko ijoko im makitkit in jermal ko rejjanin bok jikier nan bobrae. Wewen in ealikar, bunten ko aikuji boki im bojak nan bobrae walontak in dren iliju im jeklaj.

Jorren ko jet walok jen ukoktak in mejatoto ejelet erre eo an belaak eo im kauotata nan lojet eo (ecosystems). Wewen eo kein kajuon, an **kajur lok okmenen (rising ocean temperatures)** eo ilo dren ekauotata nan wod ko ibarijet, ko im elap aer bidodo ak mojno nan mour ilo jonan okmenen eo. Kein karuo, emoj loe bwe ikotaan 30-40% level in carbon dioxide eo ej koba lok (absorbed) ibben malo, river im lake ko im jet ian wewen kein rekomman bwe en lablok an jorren ak nana (**ocean acidity**) dren ko ilo malo eo. Ilo 2010 eo, emoj kar loe bwe 15 iio ko remotlok, jorren in (acidity) ar walon lok kin 6% ilo 100 mita (meters) ijoko itulon ilo Pacific Ocean jen Hawaii nan Alaska. Wewen in ealikar bwe enaj lab wot an jelet wod im men in mour ko einwot mejen-wod ak jukkwe (clams) im dri ko (mussels) im enaj aban aer drittok lok ak emaron bar jelet wewen ko jet.

Wewen kein rej kalikar bwe jabdewot kain jermal in bobrae naaj aikuji nan kejbarok ecosystems eo nan kadriklok wewen ko rekauotata rejelete rainin.

5. BUNTEN KO ILO WODEN BWIL KEIN IM MAKITKIT IN JERBAL KO JEN LAL KO ILIKIN

Kein eo an RMI ejjab make ian ilo an jerbale wewen kein. Einwot ke RMI ej juon lal jidrikdik, ewor tobrak ej walok ilo an jermal ibben lal ko jet jen woden-bwil in Pacific in, elaptata lal ko jen FSM bwe ilo wewen in rej jimor enjaki men in aikuj kein. RMI eto an bok kunan ilo makitkit im jermal ko rejelet ukotak in mejatoto, nan wanjonak:

- Pacific Islands Framework for Action on Climate Change (PIFACC) 2006-2015
- Pacific Regional Environment Program Strategic Plan 2011-2015
- Pacific Adaptation to Climate Change Project (PACC) 2009-2013.
- Micronesia Challenge Conservation Program 2006.

Program in kejbarok in ej juon mejen-kajik nan FSM, RMI, Palau, Guam im Commonwealth eo an Northern Marianas Islands nan drebij im kejbarok (at least) 30% in men in jerammon ko aer ibelakin malo eo ej jebole Micronesia nan iio ne 2050.

Nan kakobaba, Kien eo ejjab jemlok an bok kunan ilo kwelok ko ibelakin lalin ikijeen kenono ko rejelet ukotak in mejatoto (climate change) iumin international forum eo an 1992 United Nations Framework Convention (Monakjen in Jermal) eo kin ukotak in mejatoto im elon alen an jiron lok United Nations Security Council eo bwe ukotak in mejatoto (climate change) ej juon wewen eo ekauotata nan aolepen lalin im wewen in ej aikuj lolo ilo un in kenono (agenda) ko an Security Council eo.

6. IJO KUNAM IM JUKJUK IM BED EO

Kin an jabwe maron ibben Kien eo an RMI, im ejabwe money in jiban ko, ekka an droulul ko (environmental institutions) mojno ilo makitkit in jermal ko aer. Melelein bwe Kien eo aikuj jiban jen jukjuk im bed eo. Jiban kein remaron itok ilo wewen am im baamle eo bok kunaam lolorjake im kejbarok belaak eo. Wewen kein rej walok ilo am tiljek kin kobij ko am, kekomannanlok septic tank eo ak em jidrik ko inaboj ak aini im julok plastic im kobij ko jet rej ejebelek lek bajjok ilo belaak ko (public areas).

Ijo kwoj loe jorren eo ie enaj jelete belaak eo, kwoj aikuj kejjelaik lok ijoko tellokier, emaron juon ian local ak national level eo. Nan wanjonak, elane kwonaj lo an armij ejjolok kobij/dren ko rekauotata ak ebok bok (sand) jen jabdewot jikin kwoj aikuj kejjelaik lok RMI EPA ak Local Government eo kin makitkit kein bwe ren ilok im etale wewen in elane ar wor melim im elane makitkit kein rej loor karoken jermal ko.

Jen ien nan ien Kien eo ej kwelok ibben jukjuk im bed eo ikijeen jet lomnak in jermal/makitkit (proposals) ko ej walontak kaki. Ej aikuj am bok kunam ilo makitkit in, kin menin kobalok im bok kunam ilo makitkit ko rej komman ilo belaak eo belakum im jiban lok ilo jibadbad ko an Kien e. Bed ilo kwelok ko an jukjuk im bed eo im koba lok kin lomnak ko am. Elane emenin aikuj, jutak im rie jabdewot kettobar ko nan eman lok eo an belaak eo im im jukjuk im bed eo.

Komaron bok jen bunten ko nan rejan lok kein eo an local im national nan kekomannanlok wewen jermal ko, nan wanjonak, kekomannanlok imon jermal ko an public im kokajurlok jermal in aini kobij ko. Komaron bareinwot rejan lok Kien eo kin jet wewen jermal ko rekaal einwot recycle (bato, pepa im organic waste/men in eddok ko) im kobij ko jen imon kebbojak ko. Jet ian melele im wewen jermal ko rej walok ilo Guidebook iumin JERBAL KO REJEJIT NAN LOCAL GOVERNMENT KO ilo Appendix 2.

Jukjuk im bed eo emaron walontak kin jet wewen jermal ko remman nan kejbarok belaak eo im rejjab walok iumin kakien eo. Juon ian men in jerammon ko einwot juon lal jidrikdrik, ej bwe **jermal ko an kajojo armij elap aer aurok** (do count).

Bunten ko ilo jukjuk im bed eo (bukon eo) remaron kio jino rejan lok kaki ilo local community eo (weto ko) nan kadriklok kejerbal plastic (wanjonak, jab kejerbal plastic ko jen imon wia ko), bok kunam ilo jermal in karreo an armij ro ilo weto eo am, rejan ro mottam ukot kobij in mona (composting food) nan bwidej in jikin kallib ko ijellokin jilkinlok nan jikin jobjij ko, im jukjuk im bed eo en lale bwe wijki im men in eddok ko jet ren jab komakiti jen ijo torerein ene (foreshore) ilo weto eo.

Ilo bar juon wewen, komaron jino bok kunam im rejan ro mottam jiban etale elane ewor mottan ukoktak ko ilo belaak eo belakum. Nan wanjonak, etali jonak ko ilo ibwij im beet lok (ukoktak ko ilo tartok in boka) im wewen an men in eddok im kein ikkan ko mour im eddoklok im an iuwe dren eo ilojet.

Komaron katak wewen jermal ko an RiMajol make-make im monono kin aibuijuj kein rebed ilo men in eddok im men ko bwinnid im rej aikuj bed ilo kejbarok nan ebeben ko tokelik.



Photo: DJ

7. KAKIEN/MO (JERBAL IM MAKITKIT KO AIKUJ LORI IM REBED ILO GUIDEBOOK IN):

Karokan jermal im makitkit (Acts and Regulations) ko rej walok ilo Guidebook in. Mo/Kakien ko rej laajrak imaan in kajojo Un ko (theme) ekkar nan un im melele ko ilo kajojo Makitkit in Jermal im Kakien ak Mo ko.

ACTS

- Animal and Plant Inspection Act 1966
- Betelnut Prohibition Act 2010
- Civil Liability for Oil Pollution Damage Act 1993
- Coast Conservation Act 1988
- Endangered Species Act 1975
- Fisheries Act 1997
- Fisheries Enforcement Act 1997
- Fishing Access and Licensing Act 1997
- Food Safety Act 2010
- Littering Act 1982
- Marine Zones (Declaration) Act 1984
- Maritime Administration Act 1990
- Marshall Islands Marine Resources Authority Act 1997
- National Environmental Protection Act 1984
- Office of Environmental Planning and Policy Coordination Act 2003
- Planning and Zoning Act 1987
- Public Health, Safety and Welfare Act 1966
- Public Lands and Resources Act 1966
- Quarantine Restrictions Act 1966
- Tuna and Game-Fish Conservation Zone Act 1996

REGULATIONS

- Earthmoving Regulations 1989
- Environmental Impact Assessment Regulations 1994
- Marine Water Quality Regulations 1992
- Marshall Islands Fisheries Regulations 1998
- Ozone Layer Protection Regulation 2004
- Pesticides and Persistent Organic Pollutants (POPS) Regulations 2004
- Public Water Supply Regulations 1994
- Solid Waste Regulations 1989
- Toilet Facilities and Sewage Disposal Regulations 1990



Photo: Vainuupo Jungblut/SPREP

PART TWO

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ENVIRONMENTAL THEMES



1. JERBAL IKIJEEN KOBIJ KO (MANAGING WASTE)

Kin mokta, koblj ko remaron julok jabdewot jikin im ekin jab walok jorren nan armij ro im belaak eo. Armij ro raar jokwe ettolok jen dron im kobij rej make oktak im erom bwidej melelein aolep kobij kein walok jen men in eddok ko im ebidodo aer bar madeondeon lok im rejjab komman nem ko renana ak komman naninmij nan armij ro.



Photo: DJ

Elon iio remotlok, kobij ko (waste disposal) ar alikar bwe enaj komman naninmij nan armij ro itok jen an lonlok kobij ko ak ejabwe jikin jerbali ilo RMI. Kobij in mona im ko jet rej kobalok ibben kobij in men in eddok (organic) ko rej kanal tok men in mour ko einwot lon, Kijidrik, Kulul, im men in mour ko jet. Jet men in mour ko einwot mosquito emaron kajededlok naninmij in denque fever. Bar juon, ainin kobij ko reoktak jen dron renaj komman nem ko renana im remaron komman naninmij, elaptata elane renaj ebake jikin jokwe im ijoko armij rej makitkit ie.

An jab jejjet jerbale, kokwon ak aini im julok kobij in maal ak iron ko enaj bar jelet belaak eo einwot ke emaron kakkure bwidej eo im dren eo ibulon bwidej, dren in idaak eo im dren eo ilojet.

Solid Waste’ melelein ‘kobij ko komman jen maal, maal ko ejjelok aer jerbale, im men ko rej walok jen jikin jerbale ko, im jen makitkit ko ilo jukjuk im bed eo, botab ejjab men ko im rej on lok ak manuk

KAKEMEMIJ:

Solid Waste ejab kitbuj sewage eo ak men ko ilo dren, einwot kobij ko, kobij ko rej bidodo lok ilo dren ko ilo jikin jerbale ko, ak jabdewot kobij ko rej kwalok paijin ilo dren ko.

lok ilo pipe im dren ko, nan wanjonak renaj bidodo lok im erom bwidej ak dren eo ekauotata ej toor tok jen jikin jerbale ko. Men in ekoba kobij in dren ko einwot oil, kein manman men in mour ko, uno, kere ko an uno ko im dren ko jet rekauotata’ (*hazardous waste*).

(*Solid Waste Regulations 1989 Subregulation 4(II)*).

Naan in Pollution’ melelein jabdewot wewen eo ewor kauotata ie ak kobij in paijin ko rej kobalok ibben mejatoto im belaak eo, walok jen baat ko ewor mottan paijin ie im



Photo: DJ

paijin ko walok jen ejouij in kobij im kio ejelet aolep men im komman bwe en walontak naninmij im wewen ko jet rekauotata nan ejmour an armij, men in mour im eddok ko, ion ene im lojet jimor. kakkure erre eo an belaak eo im komman bwe en dren in idaak eo, ejmour an armij im men in mour ko. Jorren kein rej walok jen baat ak dren ko ewor mottan kobij in chemical ko, biological im radioactive ie (National Environmental Protection Act 1984, §103).

Droulul ak Agency rej eddoin lolorjake solid waste:

- **The Ministry of Public Works** - ej bok eddoin aini im julok kobij (solid waste) ko
- **The RMI EPA** – Ej karok laajrak\wewen ko rejjet ikijeem aini im kokwoni kobij ko im komman melim nan Solid Waste Disposal im etale public im private landfill ko.

Laajrak in Acts and Regulations ko walok ilo legal framework (Monakjen in jermal eo) ilo RMI nan lolorjake im komakitkit jermal ikijeem kobij.

ACTS	REGULATIONS
<i>Littering Act 1982</i>	
<i>National Environmental Protections Act 1984</i>	<i>Solid Waste Regulations 1989</i>
	<i>Marine Water Quality Regulations 1992</i>
	<i>Pesticides and Persistent Organic Pollutants (POPS) Regulations 2004</i>
<i>Planning and Zoning Act 1987</i>	
<i>Betelnut Prohibition Act 2010</i>	

Un (topics) kein rej alikar ijin ilal:

1. Litter (Joto-Jotak kobij ilo ibelaak ko)
2. Solid waste (maal, foam, pepa, alal, mottan nuknuk, kobij in men in eddok ko, plastic im bato)
3. Hazardous im toxic waste (kobij in dren\oil ko ewor mottan chemical ie)
4. Pesticides im Persistent Organic Pollutants (POPs) (kein manman men in mour ko ewor mottan chemical ie)

1.1 LITTER

Jokbij jabdewot jikin ella lok jen jolok juon pepa bajjok ak juon plastic eobrak kin kobej. Jokbij jabdewot jikin edelon ilo laajrak in **Soild Waste** kakien eo (Regulations) an 1989.

YOU MUST NOT (KWOJ AIKUJ JAB):

- X** Jokblj iloan/itorerein ial ko ak ijoko jikin public;
- X** Jokbij ijoko jikin armij ro ej ak iturin ak iloan ial ko an public ak ijoko jikin public;
- X** Jokbij iar ion bok, itorerein barijet ak lojet eo; ak
- X** Jokbij ilo ijoko imeto, ilo wewen in jabdewot kobij eo julok ijokein aolep renaj bar jeblak enetak nan iloan aelon eo ak ion ene ko; ak
- X** Jiban ilo ak bok kunam ilo aolep wewen kein ilon.

Kaje (Penalty):

- naaj bakin im kolla jab driklok jen \$50 im jab laplok jen \$1,000;
- kalbuj to-tata (6) allin, ak wewen kein jimor ; im
- naaj aikuj komakiti im julok kobij ko juto-jutak, likit ijoko ak jabdewot ak likiti im etal jeni.

1.2 BETELNUT

'Betelnut' refers to the fruit or nut of any variety of the palm 'Areca catechu'. Whilst betelnut may be imported for personal consumption, strict prohibitions in regard to its use, importation and distribution have been imposed. Any beteltnut found in the possession of a minor will be presumed to be the property of that minor person and will be confiscated.

YOU MUST NOT

- X** Import for sale or distribute betelnut.

Penalty:

- for a first offender, up to 30 days imprisonment or \$100 fine or both; and
- for a repeat offender, up to 3 months imprisonment or \$300 fine or both.

- X** Publicly be in possession of or use betelnut in any form if you are a minor.

Penalty:

- for a first offender up to 5 days community service or \$100 fine; and
- for repeated offender, up to 10 days community service or \$200 fine.

- X** Discharge betelnut spittle, substances or refuse in places accessible to the public.

Penalty:

- a fine not less than \$50 and or community service for one week.

MELELE IN:

'Littering' melelein jokbij ilo ejjelok melim, joto-jotak ak likiti im etal jen jabdewot kobij ko am, jabdewot kobij ko renaj kakkure belaak eo, mottan wa ko remor ak mottan kein jermal ko rejroren- Littering Act 1982 §202 .

KAKEMEMIJ:

If the occupant of a vehicle litters the driver has also committed an offense and both the occupant and driver can be penalised.

1.3 JIKIN JOKBIJ KO/DUMP (SOLID WASTE)

Jikin ko elon armij ie einwot Ebeye im Majuro ewor ruo public land fill (Jikin Jokbej\Dump) ko im rej eddoin kien ko an aelon kein ruo (state own-enterprises). Solid Waste Regulations ko raar ella ilo 1989 nan ejaaki jikin ko rejjab lukkun ellap, jikin jerbali, aini im lolorjaki kobij ko. Eddo in jerbali kein rekkaar wot nan makitkit ko an droulul ko im jab nan jukjuk im bed eo. Ijoke, enaj juon men in jiabn nan jukjuk im bed eo elane enaj melele kin aurok eo ikijeem kejbarok ejmour an armij ro im belaak eo. Bar juon ewor jekjek in imon\jikin jerbali kein rej aikuj lori nan aer jutak.

KWOJ AIKUJ JAB (YOU MUST NOT)

X Ejjolok kobij ko (solid waste) ilo, iloan ak itorerein ial ko, jikin etetal ko, jikin kottor lok ko, ilo bedkat ko, jikin ikkure ko an public ak ijoko jabdewot jikin public im private mae ien:

- ijin emoj kemelim bwe ej jikin jikbij; ak
- elane kobij eo ej ilok nan nien kobij eo an public.

Jabdewot wewen ko ella lok ion kakien ak melim ko, RMI EPA enaj emakit im kabojrak mokat jabdewot kain makitkit in jerbali.

Kaje (General Penalties):

- Naaj kajejtokjen aolep kon ko ilo melim eo iumin regulation ko;
- Naaj kabojrak im kejemlok melim eo;
- civil penalty, jonan eo karoke jen ro tellokier, ejab lablok jen \$10,000.00 nan kajojo raan ko elane jerbali eo naaj wonmanlok im bok jikin;
- Obij ko tellokier naaj wonmanlok wot im jerbale violation in; im
- jabdewot emakit in jerbali ko jet kin melim eo jen National Environmental Protection Act 1984.

JIKIN KEJBAROK KOBIJ KO (SOLID WASTE STORAGE)

KWOJ AIKUJ IN (YOU MUST)

- ✓ Tiljek kin jikbij ko ilo wewen eo eban kwalok kijeek, ejmour, kauotata nan jerbali ak kanal tok men in mour ko ak boktok naninmij ko rekabobo, im en jejjet kokwoni im aini bwe en jab toor lok kin dren ko renana.
- ✓ Kejbarok kobij in mona ko ilo container ko rej kilek mejeir, rejjab ettal, ebidodo kejerbali, maron kejerbali elon alen, im retiljek.
- ✓ Kejerbali container ko emman jonaeir nan nien kobij im en maron drelon im kon aolep kobij in mona ko, im kobij ko jet aini im kejbaroki ilo kotoan eo mokta nan ien ebbok jikbij.
- ✓ Aini ibbendron kobij\jokbij ko rellap (large household appliances) im kalibubuki nan kadriklok jorren ko renaj kanal tok nem ko renana im kadriklok an lablok dren eo enana iloa im belaakier.
- ✓ En wor jikin elap ebojak nan kabwe kokkon juon ejoj in kobij\jokbij. Ijin ej aikuj jab kauotata jerbali ie im ebidodo karreoiki im etiljek nan kokon kobij\jokbij ko.

SOLID WASTE COLLECTION (IEN NAN AINI IM BOK JOKBIJ KO)

Operator eo an waan kobej eo aikuj lolorjake an erre eo im jako dren eo jen ijoko nien kobij ko rej bed ie, nan kejbarok melan imoko imon armij im ijoko jikin public im en inemman im ejjelok nur-boktak ilo wewen an jermal imelan ijoko jikin armij.

KWOJ AIKUJ IN (YOU MUST)

- ✓ Kejerba kein jermal ko rejjab jelet ejmour im kauotata nan dri jermal ro ijin im nan armij ro
- ✓ Etale im kejbarok waan jermal ko ekkar nan kemelele oi lo wa ko, im jen ien nan ien etali waan jermal ko elane ej eman wot aer jermal im rejjab kauotata nan kejerbali (safety checks).
- ✓ En jokkin wot juon ien ebbok jokbej nan kabojrak an emourur im ajeded kij in naninmij ko rekabobo im an walok nem ko renana.
- ✓ Jokbij ko ewor mottan mona ie rej aikuj komakiti juon alen ilo kajojo week.
- ✓ Ejoj in jokbij\kobj ko rej aikuj emakit en jab driklok jen juon alen lokin jilu allin.
- ✓ En wor im alikar laajrak im tibdrik in wonene ko rejelet ae jokbij (record of cost collection system).

JIKIN KOBIJ\JOKBIJ KO (SOLID WASTE DISPOSAL)

Eo ej jikin im eddoin (owner), jermal ion juon jikin, ak eddoin juon imon jermal eo elap (industry\business) ijo im ej kwalok elap jokbij\kobj, ej an eddo lolorjake eman eo an ijin, ejjelok kauotata im en wor jikin kejbarok im aini jokbij\kobj ko walok ijin.

KWOJ AIKUJ IN (YOU MUST)

- ✓ Wor am pepa eo ej kwalok am loor rule im wewen jermal ko ion bwidej eo.
- ✓ Wor am pepa in kemelim jen RMI EPA ekkar nan *Solid Waste Regulation 1989* nan, ejaake, kokale, ak kajutak juon jikin kejbarok jokbij\kobj (*facility*) ak kakilep lok facility eo.
- ✓ Loo aikuj ko an juon facility ekkar nan rule ko ilo *Solid Waste Regulations 1989*.

1.4 KOBIJ KO REKAUOTATA (HAZARDOUS WASTE)

KWOJ AIKUJ IN (YOU MUST)

- ✓ Kojjelaik lok Ro Tellokier ilo jeje elane kwoj lomank in julok kobij ko ewor kauotata ko ie.
- ✓ Elane facility eo ej bok (accepts) kobij ko ewor kauotata ie nan jokbij, ej aikuj loor rule ko an *Solid Waste Regulations 1989* nan kejbarok ejmour an armij ak belaak eo.
- ✓ Tili, karreoiki ak jerbali bwe en jet kobij ko ejjelok naninmij ko rekabobo im kauotata.
- ✓ Elane rekauotata ak emoj likit ion bwidej eo:

AIKUJ KO BWE EN IWOJ AM MELIM NAN KAJUTAK JUON DISPOSAL FACILITY:

1. Tibdrik (Detailed) im jekjein in plan eo an ijin(facility);
2. Pepa eo ej kalikar am loor rule ko an ion bwidej eo kio im aetokan\ drebakbak in ijin;
3. Pepa eo ej kalikar an dedelok etale belaak in ijin bakake;
4. Laajrak eo ej kalikar kain jekjek in jermal ko an ijin (*operation plan*);
5. Application eo enaj komman ejab rumij lok jen 60 raan ko mokta jen an ijin jino makitkit kin jermal ko an; im
6. Application eo ej aikuj ekkejil tok ibben \$100 wonen jerbale (not refundable).

- (i) Karreoiki im julok aolep kobij ko kauotata kin kein bobrae ko mokta jen juloki;
- (ii) Julok kobij ko iloan ron (trench) ko emij kejenoloki wot nan jikin kobij ko rekauotata im ebidodo an dren eo toor lok jeni
- (iii) Kokalleiki ijo kin naan ak jeje ko realikar (warning signs); im
- (iv) Kalikar wewen in (site) ilo plan eo im en alikar bwe ej mottan wot bwidej eo.
- ✓ kere (mix) dren eo jen treatment plan eo ibben dren eo emoj karreoiki jen kobij eo ilo landfill eo nan bobrae an druojlok nana ko ilo kobij eo
- ✓ kalikar plan eo kin jermal eo ikijeen kobij ko rekauotata nan RMI EPA mokta jen an jermal eo bok jikin ak mottan kakobaba in makitkit ko nan kekomanman lok jermal eo ej bok jikin kio. Kwoj jab aikuj jinoe makitkit in jermal in ekal ak wonmanlok wot kin kakobaba in jermal eo ekal mae ien melim eo ilo jeje emoj an dedelok im iwoj.
- ✓ Elane kwoj jermal ikijeen kobij in oil, kejerbal aolep wewen ko rejejet nan kadriklok an walok tok kobij in oil eo im kajeon bar kejerbal kobij in oil eo ilo jabdewot wewen ko rejejet.
- ✓ Kojjelaik lok RMI EPA iloan wot 24 awa eo im bok bunten-ne ko rekka im jejet nan bobrae jorren ko rekauotata renaj walok im jelete lojet eo ilo Republic in.

MELELE IN:

'Kobij ko rekauotata' rej jet kain kobij. Ej meelin ilo Solid Waste Regulation 1989 eo einwot kobij ko ebin aer madeoneon ak jako lok im emaron in kauotata nan ejmour an armij im men in mour ko, ak remaron komman naninmij ko ebin aer jako (Subregulation 4(o)).

Ilo Kakien eo an Erreo eo an Dren eo Ilojet 1992 (*Marine Water Quality Regulations 1992*) edrelon petroleum(*oil*), pesticides, radioactive substances, biological substances im chemical ko jet, einwot men ko rekauotata subregulation 30(b).

KWOJ AIKUJ JAB (YOU MUST NOT)

- ✗ Julok kobij ko ewor kauotata ie elane ejjelok melim ilo jeje jen RMI EPA.
- ✗ Julok kobij ko ewor chemical ko rekauotata ie einwot toxic, caustic, volatile ak kobij ko remaron urur kin kijeek ibben landfill eo, kwoj jab aikuj in kattil kijeek ilo Jikin Jokbij in.
- ✗ Julok kobij ko iloan pipe ko im pump lok jen septic tank ko nan Jikin Jokbij eo (Disposal Facility).
- ✗ Likjab in kojjelaik lok Ro Tellokier (Authority) iloan 24 awa eo ak likjab in bok bunten-ne ko nan bobrae an toor lok dren eo ekauotata/enana nan lojet eo.
- ✗ Drori, juloki ak aini kobij ko ewor kauotata ie ilo juon wewen eo kobij kein renaj jelet lojet eo elane ejjelok melim jen RMI EPA.

Kaje (Penalty):

- Naaj kabojrak im kommane juon jemlok; im
- civil penalty, jemlok eo jen Ro Tellokier (Authority), ejjeb lablok jen nan kajojo raan ko wewen (violation) in wonmanlok wot im bok jikin.

1.5. UNO KO EWOR PAIJIN IE (POPS)

Pesticides ej juon uno eo ej man-lok men in mour jiddik ko (pests), un eo elap tata nan kejbarok men in eddok ko jen ujoj ko, naninmij ko ak men in mour ko jet. Pesticides ej juon uno chemical ak paijin nan kejako lok, kemojno lok, man-lok ak ilo bar juon wewen ej ubake lok men in mour ko. Mene ej jiban ilo wewen in, jet ian uno kein ewor kauotata ko ie nan ejmour an armij im men in mour ko.

Persistent organic pollutants (POPs) ej juon group in uno ko ewor paijin (*chemical*) ie im elap aer kauotata nan belaak eo im ejmour an armij. Ebin aer jako lok im jekdon kain uno rot naaj kereiki ibben ak eban oktak im jako. Rej emourur im eddoklok ibben armij, men in mour, im men in eddok ko. Errein ejjet ian uno rekauotata organochlorine pesticides, hexachlorbenzene waste im polychlorinated biphenyls (PCBs) im dioxins. Kilen im wewen nan man-lok uno kein ej boklok nan Jikin Kattil ko (*incinerator*) nan juon kijeek eo ekajur an bwil (high temperature) botab ebar wor wewen ko jet rebojak. Ruatim-juon ian POPs ak uno kein rej alikar bwe rej pesticides ekkar nan kwelok eo ilo Stockholm ilo 2001 eo.

Kien eo emoj an ejaake juon jermal nan etale/jonak e wewen ebbok tok (import), leto-letak (distribution), wiakake im kejerbal pesticides ibelakin RMI ilo an walontak kin juon kakien ikijeon Pesticides im Persistent Organic Pollutants Regulation 2004 im kamo ak kabin kejerbal uno ko jonoulu-ruo rekkajur tata im rekauotata ilo lalin.

KWOJ AIKUJ JAB (YOU MUST NOT)

- X** Boktok (import), wia kake (sell) ak leto-letak, ak boke im boklok nan bar juon jikin:
 - jabdewot kain pesticide eo ejjab tiljek men eo nien ak ejjab alikar kemelele ko ie ak
 - jabdewot pesticide ak POP ko emoj kamo kejerbali.
- X** Ukot ak julok kemelele ak level ko elane ejjelok melim jen Ro Tellokier im kajeon kajimwe level ko
- X** Bojrak jen am aini record ko aikuji iumin regulation ko.
- X** Drebij jen aer etale record ko im lokon jermal otemjij.
- X** Drebij an RMI EPA etale elane kar kejerbale pesticide, elane ear jab jejjet kejerbale pesticide, ak drebij jen aer bok jet kein kakolkol ko.
- X** Kejerbal jabdewot kain pesticide ak POP ilo wewen ko reoktak jen kemelele ak levelling ko, mae ien un eo an ilo melim eo lelok ej nan wot ekatak (*experimental*).
- X** Kejerbal jabdewot kain pesticide iumin melim eo lelok nan wot ekatak ilo wewen ko rejumae kon ko ilo melim eo.
- X** Rubi jabdewot order (*ijjiton*) ko iumin Pesticide im Persistent Organic Pollutants (POPs) eo an 2004.
- X** Ella ion jabdewot mo ko (ban) ak karkan jermal ko kalaajraki iumin regulation ko.
- X** riab ilo application eo bwe en iwoj melim (*certification*), (*license*), ak melim nan jermal, ak ilo jabdewot kain melele (*record*) ko.

MELELE IN:

'Persistent Organic Pollutants' (POPs) jonoulu-ruo paijin ko emoj *an United Nations Stockholm Convention eo kelaajraki nan 2001* bwe rej men in kauotata nan ejmour im belaak ko im paijin ko ie elap jen jonaeir, im ebin an bojrak jen aer ajededlok ilo belaak eo, maron kobalok ilo mejatoto eo im bidodo aer emakit kin koto im dren jen jikin nan jikin, im maron ajededlok - *Pesticides and Persistent Organic Pollutants Regulations 2004 - Subregulation 4(ee)*.

- ✗ Wia kake ak leto-letak pesticide ko emoj kamo kejerbali mae ien ewor melim (*license*).
- ✗ Wia kake ak leto-letak pesticide ko emoj kamo kejerbali nan jabdewot armij ijelokin ro wot ewor aer melim in kejerbale.
- ✗ Kejerbale, kokwone, kobaik lok ibben, ak likit jabdewot kain pesticide ak POP iloan jet container ko ilo juon wewen eo ekautata nan ejmour an armij im belaak eo.
- ✗ Kejerbal wewen ko emoj kamo ikijeen kejerbale pesticide mae ien emoj kile eok (*certified*).
- ✗ Bok kunam ilo jabdewot makitkit ko rejelet jermal in pesticide ilo ejjelok melim jen Ro Tellokier (*Authority*).
 - **Kaje ko (Penalty):** Civil penalty kin \$500.00 nan kajojo raan ko makitkit kein rej wonmanlok wot im bok jikier ilo an ejjelok melim.

Kaje ko (General Penalties):

- naaj kajejtokjen melim eo;
- naaj kabojrak im bok order (ekkar) eo;
- lelok ion civil penalty, karok eo jen Ro Tellokier (Authority), im bakin im kolla ejjab laplok jen \$10,000 nan kajojo raan ko makitkit kein rej wonmanlok wot im bok jikier; im
- jabdewot kain makitkit in kaje ko ijition (authorized) in National Environmental Protection Act eo an 1984.

KWOJ AIKUJ IN (YOU MUST)

- ✓ Wor juon am pepa (certificate) in kamol jen RMI EPA eo ej kalikar am jela im iminene kilen kejerbal pesticide bwe kwon maron jermal kake ak lelok pesticide nan bar juon.
- ✓ Wor am melim (license dealer) eo ej iwoj jen Ro-Tellokier (Authority) elane kwoj lomnak in boktok (import), wia kakeak leto-letak pesticide kin jonan drettan (wonen in \$100.00).
- ✓ Elane kwoj juon eo ewor an pepa (certified commercial) in kejerbal pesticide, record ko am ikijeen kejerbal pesticide rej aikuj bed iumin en jab driklok jen (2) iio.

MELELE IN:

'Commercial applicator' melelein men in (*mene kwoj juon eo emake ian ilo jet wewen jermal in pesticide*) im ej katakin ikijeen kejerbal pesticide ko emoj likitjet jonak ko ie nan kejerbali jekdron ta im jekdron ia ijelokin wot wewen ko rej laajrak ilo paragraph (ff) (*i.e. a private applicator*) – *Pesticides and Persistent Organic Pollutants Regulations 2004 - Subregulation 4(j)*.

'Private applicator' melelein juon eo ewor an melim nan kejerbale im lelok katakin ikijeen kejerbal pesticide ko emoj likit jet jonak ko ie nan kejerbali (*restricted*) ilo un eo nan jermal in agriculture ion bwidej eo an make ak ijo jataik nan ro jet, ak (*elane lelok ilo kilan jiban ikotaan agriculture eo*) ion bar juon bwidej an juon armij- *Pesticides and Persistent Organic Pollutants Regulations 2004 – Subregulation 4(ff)*.

- ✓ Elane kwoj juon eo ej wia kake pesticide (dealer), aini im kejarok record (receipt) ko am en jab driklok jen (2) iio.
- ✓ Wor am melim nan kommani ekatak ko (experimental) rejjab lukkun ellap kin pesticide ko rejako jen laajrak eo ilo kakien eo.

2. SANITATION

'Sanitation' aikuj eo ikijeen 'jokbij kobij ko an armij'. An jab tiljek jermal in sanitation ilo RMI ej kanal tok naninmij ko rekauotata nan ejmour an armij im jorren ko nan belaak eo. Juon jelalokijen eo ikijeen imon kebbojak im sewage ko ebolemeir enaj kanuj jiban bobrae jorren ko nan dren ko, kauotata ko ikijeen ejmour im nana ko ilo mejatoto eo armij ej menonoiki.

Jibadbad ko nan kekommanlok sanitation ej juon wewen eo elap arto-artak kake iumin elon iio ko remotlok. 'Kekommanlok sanitation' ej em jidrik ko rej kejerbal: flush ak kejerbal dren nan sewer system eo, septic tank ko ak ron (*pit*) ko; (*pit*) ron ko ekwon mejaeir im ejjelok nemeir (*VIP*) latrine; ak em jidrik ko rej kejerbal uno im kere ibben kobij ko. Ilo ad keidi, 'em jidrik ko rejjab eman' imoko rej kejerbal: flush ak kejerbal dren ilo an jab ekkejil pipe ko ibben sewer system eo, septic tank ak ron eo (*pit latrine*); pit latrine ilo an ejjelok slap ak juon ron jidrikdrik ie nan kadruojlok mejatoto eo; kejerbal bokaj ko (*bucket*); kebbojak jabdewot jikin (*hanging toilet or hanging latrine*); aolep rej kebbojak juon wot jikin ejjelok em ak kebbojak ibulon mar (*bush*).

Ministry eo an Public Works ej bok eddoin dren im sanitation. ilo 1989 eo, Minister eo ear lelok jiban nan Majuro Water and Sewer Company (*MWSC*) eo im ekoba potable water, salt water im sewer system eo. Ilo Kwajalein, Kwajalein Atoll Joint Utility Resources (*KAJUR*) ej eddoin dren im sewer eo ion Ebeye.

Ro ak ijoko rej eddoin eman eo an sanitation ilo RMI ej:

- **Ministry of Public Works**
- **The Ministry of Health**
- **The RMI EPA**

Laajrak in Regulation/Acts ikijeen Sanitation:

ACTS	REGULATIONS
<i>Public Health, Safety and Welfare Act 1966</i>	<i>Toilet Facilities and Sewage Disposal Regulations</i>
<i>National Environmental Protections Act 1984</i>	<i>1990</i>

Un ko rej laajrak ijin ilal:

1. Ijo ikijeen Sanitation
2. Kain jekjek in em jidrik ko

2.1 IKIJEEN SANITATION

KWOJ AIKUJ JAB (YOU MUST NOT)

- X** Ekkar nan Public Health, Safety im Welfare Act eo an 1996 enaj juon men in jumae (offense) elane jabdewot enaj ejjolok kobij (bwidej) ilo jabdewot jikin ak iloan 500 yard jen jikin jikwe an armij im jab ilo imon kebbojak ko.

Kaje (Penalty):

- Naaj aikuj kolla fine ejab laplok jen \$500;

- Kalbuj ejab aetoklok jen juon year, ak emaron aolep wewen kein jimor.

X Julok kobij ko ilo iloan luwe ko, iloan droñ ko, iloan jikin kejbarok ko, ijoko elon dren ie, ak iumin bwidej, mene emoj karreoiki ak jab, mene ilo ijoko jikin public ak jikin jet armij makmake, mae ien tokjen eo an ej kalikar bwe eaurok nan boktok wonmanlok, ak nan kommani ekkatak ko im ejjab kauotata nan ejmour an jujuk im bed eo.

Kaje (General Penalties):

- Kejemlok melim eo;
- Kabojrak im kajejtokjen order eo;
- Lelok ion civil penalty, karok eo jen Ro-Tellokier (Authority), ejab lablok jen \$10,000 nan kajojo raan ko makitkit kein rej wonmanlok wot im bok jikier;
- Eddo eo jen ijo tellokin (institution) nan wonmanlok im na-mejlan jorren kein; im
- jabdewot kir eo itok jen melim eo iumin National Environmental Protection Act 1984 ak jabdewot kakien eo ejelete.

lumin kakien eo nae Em-jiddik (*Toilet facilities*) im Sewage Disposal System eo an 1990 ewor jilu wewen ko emoj kalikari bwe remman iumin kakien in:

- **Type 1:** Em-jiddrik ko rej kettor (*flush*) im pipe ko an rej ekkejil ibben public sewer system eo.
- **Type 2:** Em-jiddrik ko rej kettor (*flush*) im pipe ko an rej ekkejil ibben private septic tank eo.
- **Type 3:** Em-jiddrik ko inaboj remake-lok iaer (*outside benjo*).

(Owner) ak eo imon mwe ej an eddo lolorjake bwe mwin en eman im bolemen, kokaale, im komanman lok toilet im jikin kobij eo.

YOU MUST

- ✓ Bok/wor am melim jen Jikin Ejmour eo nan kajojo toilet ko kwoj lomnak in kajutaki ilo imweo (*building*) eo kwoj jermal ikijeem.
- ✓ **Kelet (Select) Type 1** elane dren eo enaj iwoj jen public works ekoba sewer system eo.
- ✓ **Kelet (Select) Type 2** elane dren eo ej iwoj jen public works botab sewer system eo ejjab koba lok.
- ✓ Kommane **Type 3** elane dren im sewer system eo rejjab bed ilo plan eo am.
- ✓ Lale bwe en wor mejen jikin jijot nan aolep toilet ko.
- ✓ Ej aikuj wor ventilation ak jikin kadruojlok mejatoto nan kajojo **Type 1 im 2** en aetok naboj lok im jab drik lok jen 6-ne utiej in jen ion bwidej.
- ✓ Lolorjake bwe toilet im sewer system eo erre eo im eman aer jermal.

(CHECKLIST) AIKUJ KO NAN EM-JIDDIK KO:

1. Ilo plan eo kio kalikar ia eo jikin kettor-lok dren, utilities, ial ko, jikin dren ko im imon pump ko.
2. Kemelele ikijeem kilen kajutak em-jiddrik ko im jikin kadruojlok kobij, jonan aurok im erre an kein jermal kein, kilen im wewen ijoko jermal kein rej ilok –ielok.
3. Application ko rej aikuj dedelok mokta im en jab rumij-lok jen 30 raan ko iloan calendar eo mokta jen an jermal ko bok jikier.
4. Aikuj etal ibben application eo \$25.00 (non-refundable) wonen jerbale.



Keidi eji-mourur an wod in jen Majuro(left) nan wod ko jen Rongelap(right). Alikar bwe jorren in elap wot an itok jen an jab jejjit kejbarok sanitation im kobij ko. Pija: D. Jacobson

2.2 JEKJEK IN IMOKO/KAIN EM KO (TYPES OF FACILITIES)

Type 1 Facilities – Em-jiddrik ko rej ekkejil ibben public sewage system eo

KWOJ AIKUJ IN (YOU MUST)

- ✓ Loor aolep karok im aikuj ko ilo melim eo
- ✓ Kejbarok ilo ien jermal, kekomanman lok, kakobaba elane emenin aikuj, etale lokon jermal ko, karreo im kokaale system eo.
- ✓ Kejbarok record in makitkit im jermal ko.
- ✓ Kommane kadede juon plan in makitkit nan ien idrin ko.
- ✓ Aini melele ko ikijeen belaak eo im kadrelon(record) i.
- ✓ Mokaj im karreoiki im karben e ettal ko ilo system eo.
- ✓ Bukot juon waan pump kobij (sewage truck) kejerbale nan bok (pump) kobij eo jen public im private septic tank ko nan sewer system eo.

Type 2 Facilities – flushed toilet nan juon private septic tank

KWOJ AIKUJ JAB (YOU MUST NOT)

- ✗ Kajutak septic tank eo ilo juon jikin eo enaj jelete im kakkure dren in idaaq eo (*water supply system*).
- ✗ Kajutak septic tank eo 15-ne ebaake lok ijoko ewor dren ie.
- ✗ Kajutak septic tank eo im edrik lok jen 100-ne jen aiboj-lal eo, elane ejjelok melim jen RMI EPA.
- ✗ Komman bwe dren eo en bijbij drik lok jen 30 inches im mulal lok jen 72 inches.
- ✗ Likit jabdewot men ibelakin, ion ak itorerein tank eo bwe enaj komman kabanban nan makitkit in jermal ko.
- ✗ Binej ak kalibubu mejen septic tank eo mokta jen an RMI EPA etale im kemelim bwe etiljek im bolemen.

KWOJ AIKUJ IN (YOU MUST)

Construction (Jermal in kajjutak/ekkal)

- ✓ Kubij juon ron (hole) eo enaj kabwe an tank eo kon iloan im jione lok.
- ✓ Komman bwe en bin im kijnene bwidej eo tank eo ej wawa ion im en jegan (level) wot ion.
- ✓ Kommane juon septic tank eo eman jonan, ebin, im eban ettal bwe material ko an ebin aer mor bwe rej jermal nan dren.
- ✓ Kommane juon septic tank eo ebin level eo itu-lon in dren im ekajur ilo jebdewot kain wewen ko, en maron drebij men ko rej etal im kijnene lok, an obrak lok kin kobij, im en bidodo karreoiki im jermal ko jet.
- ✓ Kommane septic tank eo kin jimeen im tekiin, lutoke jimeen eo ijoko jikin, block ko rej aikuj kemelim jen RMI EPA.
- ✓ Kommane juon mej (cover) eo ejaad lab im kajur an septic tank eo.

Drebiji im kejbaroke (Iloan septic tank eo) effluent

- ✓ Komman jikin an kadrouj lok kobij eo kin PVC pipe im fitting ko ilo ien an obrak kin kobij.
- ✓ Komman jikin an dren/mejatoto eo druoj lok kin pipe ko 4 inches kotoan juon pipe, kettaltatli, im kin material ko rekajur im rebbin- nan jonan kajur in mejatoto eo iloan tank eo.
- ✓ Kommane 1-ne ejebil lok ikotoan jikin druoj lok eo itu-lal (*trench bottom*) ekkar nan jonan level in groundwater eo.
- ✓ Lale bwe storage ak jonan kobij eo en 15 per cent ak emaron lablok jidrik jen jonan dren eo iloan tank eo im en bed wot ikotoan pipe in drejon tok im druoj lok eo ilal.

Kokaale im karreoiki

- ✓ Kajutak septic tank eo ilo juon jikin eo eban aban nan jerbale im karreoiki.
- ✓ Kommane mejen (manhole) en jab drik lok jen 18 inches drebakbak im handhole ak kein kebbelok eo en jab drik lok jen 6 inches drebakbak nan jermal in karreo ko

Type 3 facilities – privy/benjo

TYPE 3 FACILITIES – PRIVY/BENJO

- ✗ Likit, kajutake Type 3 eo ion ijo eo enaj kakkure dren eo (*potable water supply*).
- ✗ Likit Type 3 facility eo ion ijo ediklok jen 15-ne jen ijo ewor dren ie.
- ✗ Kejermal juon Type 3 facility elane ejjanin dedelok etale jen RMI EPA ak Ro-Tellokier.
- ✗ Ketlok bwe kobij eo en walon tak 2-ne ilalin bwidej eo elane ejjanin dredrelok kokon mejen im jione kin bok.

KWOJ AIKUJ IN (YOU MUST)

- ✓ Kajutak em-jidrikdrik eo (*privy/benjo*) kin material ko remman im renaj bobrae an men in mour jidrik ko tolon kobij in armij.
- ✓ Kajeon kadriklok nem ko rej walok im renaj kakkure mejatoto eo, ejmour an armij, im renaj kakkure an armij menonoik mejatoto eo.

- ✓ Jione-lok (*cover*) kobij ko ilo em-jidrik ko rejjab kejerbal dren kin bok ak lime nan bobrae an walok nem im an ekeke lon (*flies*).

Kaje (General Penalties):

Elane naaj kakkuri kon ko ilo melim ak kakien ko, RMI EPA enaj emakit im komman kabbojrak. Kabbojrak in ejelete:

- Kabojrak melim eo;
- Kejemlok im kajejtokjen order eo;
- civil penalty, kolla bakin ekkar nan Ro-Tellokier, ejab lablok jen \$10,000 nan kajojo raan ko makitkit kein rej wonmanlok wot im bok jikier;
- naaj liake-lok nan court kin jorren; im
- jabdewot makitkit in jermal (action) kin melim eo lelok iumin National Environmental Protection Act 1984 ak kakien ko jet.

Elane naaj ejjelok melim im kwoj bok kunam ilo makitkit kein naaj bakin(civil penalty) kin drettan in \$100 nan kajojo raan ko makitkit rej bok jikier.

3. FRESH WATER SUPPLY

Dren ilo Republic of the Marshall Islands (RMI) elap an aurok nan mour im wonmanlok an armij. Jen taujin iio ko remotlok armij in Majol raar mour maantak im kakinkin kin dren ko nimeir ilo nien dren ko rejjab lukkun ellap; wewen in ekomman bwe jen jela kejbarok im onaki men ko kijed im nimed im maron kijoni lan ko rellap (*typhoon*).

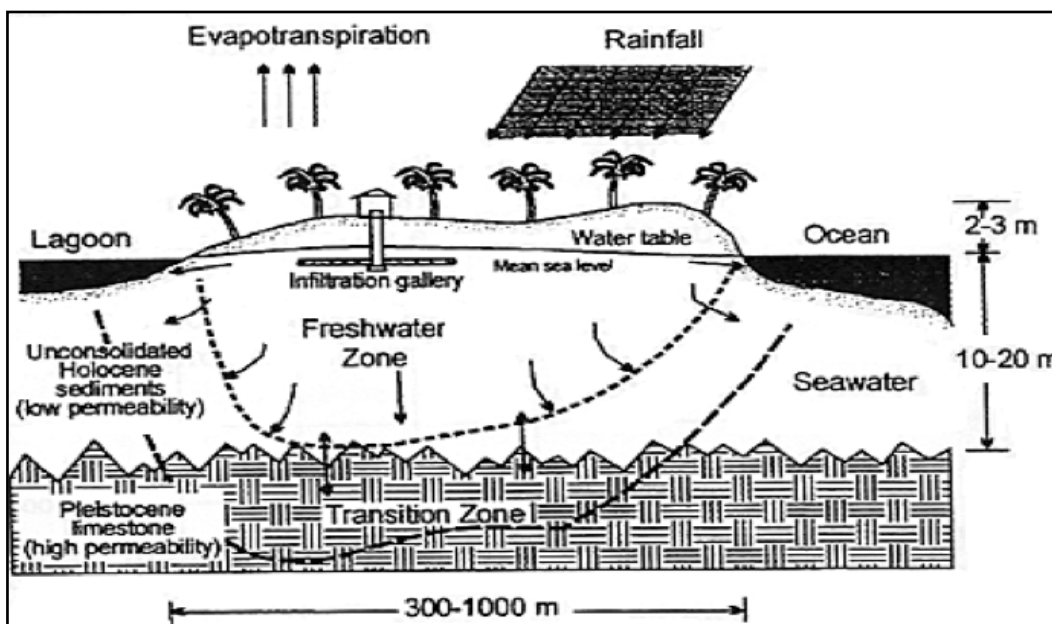


Figure 1: Pija in ej kwalok ijo aiboj dren eo ej bed ilo iumin bwidewj ion (exaggerated vertical scale)¹

lo iio ko maantak, jikin kokkon dren kein rejjab maron kabwe aikuj eo ikijeen dren, kin wot an lon lok im obrak kin armij jikin otemjij. An mora (*drought*), eo im emaron itok wot jen ukoktak in mejatoto (*climate change*), ej un eo juon in, elaptata ilo aelon ko itu-ion ilo RMI.

Kien eo an RMI ej bar rejan nan kejerbal dren in wot (*rainwater*) jen nien dren ko ibelakin Majol. Ilo torein, 70% dren in idaaq eo ej itok jen dren in wot ko ilo tank ko. Jerbal eo aurok tata ikijeen dren ej jonak/drettan eo an dren eo (*its supply*), 'ekijkan leto-letak', 'eowj jonan dren eo lelok' nan jukjuk im bed eo.

Jonak eo nan kejbarok dren ebed ilo monakjen (*framework*) in jermal eo emoj kelaajrak e ilo Acts im Regulations ko:

ACTS	REGULATIONS
<i>National Environmental Protections Act 1984</i>	<i>Public Water Supply Regulations 1994</i>
<i>Food Safety Act 2010</i>	

Ro-Tellokier (*Authority*) rej bok eddoin leto-letak dren rej alikar ijin:

- **The Ministry of Public Works** – ej eddoin lolorjake im kekomanman lok jermal eo ikijeen dren eo an public.
- **The National Environmental Protection Authority (RMI EPA)** – ej eddoin lolorjake erre an dren eo.

- **The Ministry of Public Health** - lolorjake im katakin ikijeen ejmour im wewen ko jet ikijeen dren in idaak ko ilo imon wia ko.

Un ko reaurok rej laajrak ijin ilal:

- **Public Water Systems**
- **Bottle Water Production**
- **Use of water in food businesses** (*an dren eo jermal ilo imon komman/wiakake mona ko*)
- **Supply of drinking water during emergencies** (*an wor dren ko ilo ien idrin*)

3.1 DREN EO AN PUBLIC

A Public Water System Public Water System melelein juon jikin eo pipe in dren ko an rej toor-lok nan ibben armij ro eo im ej aikuj wor jonan in 15 service connections ak ej lellok nan 25 armij aolep raan, ekoba:

- Nine dren ko kejerbali;
- jermal in etale ko, karreo, kokkon im jikin leto-letak ko iumin eddo an system operator eo, eo im ekkejil wot ibben main system eo; im
- jabdewot jikin ko nan jermal in etale ak kakolkol ko mene ej jermal iumin system eo, im rej ekkejil ibben main system eo.

SUPPLIER EO AIKUJ IN

- ✓ Kojjelaik lok RMI EPA elane ej lomnak in kolablok ak kokajulok maron eo an ilo jermal in leto-letak dren nan public
- ✓ Kolla wonen process fee tarrin \$250 nan RMI EPA wonen Melim eo.
- ✓ Loor aolep karkan jermal eo emoj kelaajraki ikijeen dren eo an public.
- ✓ Loor aolep wewen ko emoj kalikari ilo melim eo.
- ✓ Kejbarok ijo jikin dren ko rerreo im remman ekkar nan Public Water Regulations 1994.
- ✓ Karreoiki (*disinfect*) im filter e dren eo elane dren eo jen public ej bed iaeijet (*surface*), ak iumin bwidej kajju nan dren eo iaeijet, ak aolep wewen kein jimor.
- ✓ Disinfect and filter the water if operating public water systems using surface water, or groundwater under the direct influence of surface water, or both.
- ✓ Bedbed ion jermal in kakolkol ko emoj an RMI EPA kemelim ikijeen jonak ko rejijit.

SUPPLIER EO AIKUJ JAB (THE SUPPLIER MUST NOT)

- ✗ Kajutak, kejerbali ak komman ukoktak ilo system eo an dren eo nan public ilo ejjelok melim jen Rmi EPA.

WEWEN KO RMI EPA AIKUJ IN JELA KAKI:

1. Etan im Address an eo ej lomnak in kajutak/komman ukoktak ilo dren eo an public;
2. Etan im address an eo ej komman jermal in leto-letak dren nan public;
3. Kalikar ijo/jikin eo dren in ej itok jene;
4. Dren rotin- wanjonak kotreek, reba, aibojlal, drenin wot, im ko jet;
5. Kalikar jonan/drettan ijo jikin dren in;
6. Aetokan ijin kajjitok kake nan kajutak nien dren eo;

KAKEMEMIJ:

Aetokan im kitien juon melim ej 3 year.

Penalty/Kaje ko:

- Jabdewot armij naaj kommani makitkit kein ilo an ejjelok melim naaj lelok kaje nane kin drettan in \$500 kajojo raan mekitkit kein rej bok jikier ilo ejjelok melim.
- ✗ Elane naaj kakkuri kakien kein, jemlok ko rekkar, ak enaj jermal provisions ko ilo Public Water Regulations 1994.

Kaje ko (General Penalties):

- kejemlok im kajejtokjen order (maron) eo;
- kaje eo ejab lablok jen \$10,000 nan kajojo raan makitkit kein rej wonmanlok wot im bok jikier;
- im jermal in kommakit eo nan na-mejlan jorren ko
- ✗ Kejermal pipe, solder, flux ak fitting ko im rej 'lead free' ilo dren eo an public, ak nan imoko rej kejermal dren eo an public.
- ✗ Kakkure dren eo an public kin paijin (toxic) ko:

Naaj na-wonen jorren ko:

- liake lok ilo Jikin Ekejet eo ibben jorren ko jet na-ruon kaki ekkar nan kakien ko ejaki. Jorren kein naaj bini ekkar nan jonan oran raan jorren kein rejelet dren eo an public.

MELELE IN:

'Lead free' Melelein:

- ejab lablok jen 0.2% in Flux im solder ilo kein jermal ko
- pipe ko enjab lablok jen 8% in lead - *Public Water Supply Regulation - Subregulation 7(d)*.

3.2 JERBAL IN KOMMAN DREN ILO BATO

Ro rej leto-letak (*producers*) dren ko ilo bato ej AER EDDO tiljek ilo aer jembali ilo RMI im rej AIKUJ LOLORJAKE im ETALI (*test*) dren ko im jabdewot jermal ko aikuj ekkar nan Public Water Supply Regulations 1994.

EO EJ KOMMAN DREN ILO BATO AIKUJ IN:

- ✓ Bok an melim mokta jen RMI EPA
- ✓ Kotlok bwe RMI EPA en etali jermal ko ilo ien ko rekkar im eman enjab driklok jen ruo-kottan ilo juon iio.
- ✓ Aikuj loor rule ko ikijeen operation im maintenance an water supply system im aolep wewen ikijeen etale im jermal ko ekkar nan Public Water Supply regulations 1994.
- ✓ Aikuj bokake kakien ko ikijeen paijin im kilen jermal ko nan bobrae rej alikar ilo Public Water Supply Regulations 1994.
- ✓ Bedbed ion jonak ko emoj an RMI EPA kemelimi bwe rekkar im jejet.

LOOR LAAJRAK IN BWE EN MARON IWOJ AM MELIM:

1. Application eo enaj iwoj ilo juon form kin melim eo an RMI EPA im naaj aikuj ilok jen eo ej eddoin leto-letak dren ilo bato (production).
2. Application aikuj ilok en jab drumij lok jen (1)allin mokta jen an jino jermal, im naaj aikuj ekkejil pepa ko jet reurok ekkar nan RMI EPA.
3. Application eo enaj aikuj etal ibben-lok wonen eo an kin \$150 (non-refundable).

JUON EO EJ KOMMANI DREN KO ILO BATO EJAB AIKUJ IN

- ✗ Kommani dren ko ilo bato ilo ejjelok melim
- ✗ Kajejtokjen karok ko, jonak ko ikijeen kejermal paijin im kemelele ko ikijeen jermal in karreo, emoj kalikari ilo regulation ko.

3.3 DREN EO KEJERBALE ILO IMON BUSINESS/WIA KO

The Food Safety Act 2010 ej eddoin **Ministry for Health** nan lolorjake ejmour, inemman im jokane an armij ro ilo an kamo boktok, kejerbali, leto-letak, im jermal ko rejjab eman, rekauotata im mona ko remor. Nan wan-jonak Mona ko ekoba dren- dren ko kejerbali nan komman mona ilo restaurant ko.

Rule kein ijin rej nan ro im rej lomnak in komman business in wiakake mona. Ro rej eddoin business kein rej aikuj loor rule in jermal kein ilo regulation ko, im jabdewot wewen ko rekkar im jejjet, nan bobrae jorren ko ilo mona ko boktok jen likin, jilkinlok nan ilikin, jerbali, bokto-boktak, leto-letak, karelel kaki ak wia kaki jen business ko.

Mona ko emoj kalikar jonan tore eo remaron bed nane, renaj aikuj kalikari bwe en bidodo loi im jela kaki jen juon ri-wia ekkar nan rule ko an wiaiki im kejerbale.

Aolep ro rej jermal in komman mona, mokta jen aer jino jermal kein, rej aikuj bed ilo kaminene ko ikijeen jermal in komman mona im kakolkol ko nan maron bok medical certificate nan kamol.

IMON WIAKAKE MONA (FOOD BUSINESSES) REJ AIKUJ IN

- ✓ Register ibben Ministry of Health mokta jen jino jermal – Ejjelok wonen registration.
- ✓ Wor aer license, im kadedelok aolep requirement im pepa aurok ko.
- ✓ Kalikar license ko aer ilo jikin jermal ko.
- ✓ Kautiej im loor jermal in etale ko, katak im komakit ko ejaak ilo Food Safety Act 2010.

IMON WIAKAKE MONA (FOOD BUSINESSES) KO REJ AIKUJ JAB

- ✗ Kwalok tok, jerbale, boktok, kejbaroke, karelel kake ak wiakake dren ko rejjab eman nan armij, re-paijin, rejjorren, ak renana.
- ✗ Kwalok tok, jerbale, boktok, kejbaroke, karelel kake ak wiakake dren ko retonon im mwor.
- ✗ Komman bwe en jab alikar jeje ko rej ba 'best before' im date eo.
- ✗ Drebij ak nooj jabdewot melele ko reaurok nan Ri-etale ro.
- ✗ Lelok melele ko rebwod im rejjab mol ilo naan ak ilo jeje, nan jabdewot Ri-etale eo ilo ien an kommani jermal ko an.
- ✗ Lelok, kolla, ak jiban, ilo jabdewot wewen kin money ak jabdewot men in aurok nan wiaik buruon ilo jermal ko an.

MELELE IN:

'Food (Mona) melele in jabdewot kain mona eo komman ilo mat ak ukood nan armij ro, ekoba dren ko (*ilo bato/plastic*). Ej bar kobatok kein iok ak kere ko kejerbali nan mona ko - *Food Safety Act 2010 §1902(f)*.

'Food business' Ekoba restaurant ko, bakery ko, caterers, food wholesalers im retailers, fish vendors, food sellers, meat butcheries, food processors, food importers im food exporters - *Food Safety Act 2010 §1902 (g)*.

MELELE IN:

'Ukote jejjet eo an (Adulterated)' iumin *Food Safety Act 2010 §1902 (a)* ekoba tok:

- Kereik ak kobaik lok juon men eo enaj kadriklok jejjit eo an keidi jen eman nan nana;
- Kereik ak kobaik lok juon men eo ejab eman nan mona;
- Ewor uno ko rekauotata ak jabdewot paijin ko rekauotata im remaron kakkure ejmour an armij mene lelok ilo jaje kake ak ilo jela kake; im
- Ej bed illoan men eo nien ejorren(*damaged*).

Kaje (Penalty):

- juon armij naaj fine, \$1,000 elane juon kottan kommane jorren in im \$2,000 ak 3 year kalbuj elane kein karuo kottan kommane jorren in ak elane ebar kommane tok elik;
- im company ko, \$5,000 elane ej kab juon kottan kommane jorren in, im \$10,000 elane kein karuo kottan kommane jorren in ak elane ebar kommane tok elik.

3.4 DREN IN IDAAK ILO IEN IDRIN KO

Jet ien jidimkij ko remaron komman bwe dren en men in aikuj elap elane:

- ewor jorren ejelet dren eo (water supply);
- ewor lan ak elap jorren ejelet jikin ko jet;
- ak ejabwe dren im aikuj kakinkin

Wewen ko rekauotata emoj aer koba lok ibben dren eo (water supply)

Ilo juon ien idrin ejelete dren eo an public ekomman bwe en jab eman kejerbale kinke emoj loe bwe ewor paijin ak wewen ko jet rekauotata im ebin karreoiki im elane armij ro renaj idaaq jene emaron komman aer naninmij.

Ilo idrin einwot in, RMI EPA enaj aikuj in:

- bok eddoin ketobalbale makitkit in jerbale ko laajrakiilo Regulation in; im,
- aini melele ko ibbendron ekitbuj ijoko rejelet ijo jorren in ewalok ie, ekoba un eo im won armij (ro) raar bok kunaer ilo kommane jorren in.

THE SUPPLIER MUST

- ✓ MOKAJ im bojak jen an leto-letak, im KOJJELAİK lok RoTellokier (Authority) im ro rej wia ak kejerbal dren eo.
- ✓ Boklok dren ko remman nan ijoko emoj kalikari (*ekkar nan melim eo jen RMI EPA*) jen company/business/agency nan ibben armij ro (consumer) ilo hospital ko, clinic ko, im institution ko jet.
- ✓ Kalikar ia im jikin eo jorren in ej itok jene iumin karok eo jen RMI EPA.
- ✓ Rejan kajojo armij nan kebaak ijoko jet rej lolorjake jerbale ko ikijeen ien idrin (*emergency*).
- ✓ Rejan kajojo armij nan karreoiki dren ko nimeir (*emergency water supply*).

KAKEMEMIJ:

Kakolkol ko ijin rej kalikar tok ej:

- Odor/*bwiin/nemen*
- Taste/*nemak/nemen*
- Colour/*unokan*
- Chemical tests/*kalolkol ko*
- Extensive fish kills/*elon jen jonan ek ko remij lok*
- Other evidence/*men in kamolko jet*

KAKEMEMIJ:

Kilen karreoik dren eo:

- Lukkun boil i dren eo 1 ak emaron lablok, ak
- Kereiki 1/jimettan teaspoon ebaake lok 5% kajur in sodium hypochlorite solution (nan wan jonak, Chlorox ak Purex) ilo juon gallon dren eo erreo, boktake im kotlok bwe en bed iumin 30 minute mokta jen kejerbale, ak
- Einwot an RMI EPA kemeleleik kilen jerbale.

Jorren ko ilo ien idrin (*Natural or other disaster*)

Ilo jet ien ko kein jermal (supply system) ko rejjab maron kake aikuj ko kin jet utamwe ko ilo mechine ko, RMI EPA enaj wonmanlok wot im kojjeikik makitkit in jermal ko ilo ien typhoon, makitkit lal ak wewen idrin ko jet.

SUPPLIER EO AIKUJ IN

- ✓ Kojjelaik lok RMI EPA im armij ro rej bok aer dren jene ilo wewen eo emokaj tata.
- ✓ Boklok dren ko rerreo im eman jen jikin ko etiljek aer jermal nan hospital ko, clinic ko im institution ko jet. Dren eo ej ilok aikuj eman ekkar nan karok im jonak ko an RMI EPA.
- ✓ Kojjelaik lok public elane potable water eo maron in boke jen plant eo ak system eo elane emaron.
- ✓ Kojjelaik lok public jikin ko jet maron bok dren jene elane
- ✓ ejjelok/emaat potable water ilo system eo
- ✓ Rejan public nan aer karreoik dren in idrin (*emergency*) ko nimeir.

Kejbarok dren (*water rationing*)

Dren aikuj naaj bed ilo jermal in kejbarok elane ejab eman kejerbale kinke e-paijin ak ekijkij itok jen dren eo ibulon-lal ak kinke ejab eman ekkar nan jonak ko ilo kakien ko. Ilo kain wewen in, RMI EPA ej aikuj lolorjake makitkit in jermal eo ikijeen wewen in.

SUPPLIER EO AIKUJ IN

- ✓ Kojjelaik lok RMI EPA im Public (water consumers).

KAKEMEMIJ:

Supplier eo aikuj kejbarok elap dren nan kake aikuj ko nan ro emaron bin aer tobar dren ko rerreo.

KAKEMEMIJ:

Likjab in loor kakien ko ikijeen dren in idak ko (ekoba etali jonak ko) naaj aikuj report lok nan ibben RMI EPA mokta jen an jemlok jermal ilo raan eo tok elik.

Tobrak in katak ko (tests) rej aikuj report kaki iloan 40 raan ko elkin test ko, jonak ak katak ko naaj komman ekkar nan regulation ko.

4. LAND AND COASTAL MANAGEMENT JERBAL IN KEJBAROK ENE IM BARIJET EO

Jen ad loe makitkit im men in wonmanlok ko rej bok jikier ibelakid, eddoklok ej kokajurlok jerammon eo ilo RMI ilo an lonlok wewen jiban ko remenin aikuj im jermal ko remman. Ijoke, elaptata ilo RMI ijo im ejjab kanuj lap bwidej eo ie im armij ro elap wot aer bedbed ion men in jerammon ko ion ene im lojet eo (natural resources), im Kien eo elap im aurok ijo kunan nan kojebwebweik men in wonmanlok ko im lale bwe jorren ko rejelet dren, an iuwe dren ion ene, an jorren lok kein-ikkan ko im an wod ko mij lok ren bed ilo jonak ko ilal-tata.

Jorren eo ikijeen an iuwe dren elap an walok ilo RMI. Ej juon jorren eo elap ejelete jikin ko elon armij ie botab emoj alikar bwe ej walok kio nan aelon ko jet ibelakin RMI ilo an kajur lok lan ko, an walon tak dren, maat lok torerein ene ko im okjak lok wijki ko. Ilo jikin ko elon armij ie, unin an bar walon tak dren ej itok wot jen makitkit jermal ko rejekkar ikijeen ad eji im kaetok lok jet jikin itorerein ene ko.

Ad etale jermal ko rej komman bwe en iuwe dren ion ene ej juon wewen eo elap an aurok; ijoke, nan kedebakbak

lok jermal in jiban im kekajur lok barijet ko ej juon wewen eo elap an aurok nan ukotak in mejatoto eo (climate change), elaptata nan bobrae an walontak dren. An jako lok torerein ene ko, im emol aolepen torerein ene ko, aikuj kejbaroki, juon wewen ilo jermal eo an ecosystem eo einwot kemoururi men in eddok ko ilo dren eo ibarijet im wod ko. Ilo jikin ko jet, ene ko rej aikuj utiej lok im sea wall ko renaj aikuj in jutak.

Etale ko ikijeen ta jorren ko remaron walok emaron jab alikar makta ilo an melim eo druojlok. Jermal in etale ko (control) jen Kien eo remaron bok jikier ilo an jermal ko wonmanlok, ak elkin dedelok in jermal. Elane elap wot wewen ejjab eman enaj walok jen jermal kein, innem Kien eo ewor an maron in kabojrak jermal kein.

An armij ro melele ilo wewen an Kien eo jermal im kawepeni proposal ko enaj jiban kokajurlok jokkin wot juon eo ikotaan men in wonmanlok ko im aikuj ko ikijeen kejbarok. Droulul/Authority eo ej bok eddoin jermal in ikijeen belaak ko ej RMI EPA.

Monakjen in jermal eo ejejjet (framework) an bwidej im jermal in etale ko rej elajrak ijin (Atcs and Regulations):

ACTS	REGULATIONS
<i>Public Lands and Resources Act 1966</i>	<i>Earthmoving Regulations 1989</i>
<i>National Environmental Protection Act 1984</i>	<i>Environmental Impact Assessment Regulations 1994</i>
<i>Planning and Zoning Act 1987</i>	
<i>Coast Conservation Act 1988</i>	

MELELE IN:

‘Land development’ melele in’ jabdewot jermal in ekkal, kajuak, kajijot, katoke, ak ekkal ko jen lal nan lon, jermal in ej im kaetoklok im kedebakbak jikin ko, jermal ko ilo mijje ko, wop ko, ialen line jarom ak pipe, imon wia ellap ko im causeway ko, jikin ikkure ko, apartment ko, school ko, ial ko, parking lot ko, ak jabdewot kein mekitkit in jermal ikijeen ekkal’- Earthmoving Regulation 1989-Subregulation 3(n).



Pristine beach in Mejjatto, outer island. Photo: D. Jacobson

Men in konono ko reurok rej walok ijin ilal:

1. **Land abutting the sea** (*Ene im Lojet eo*)
2. **Earthmoving** (*ebbok bok/kob bok*) komakit bok jen juonjikin nan bar juon jikin)
3. **Coastal development** (*jerbal ko rejelet barijet eo ak itorerein ene*)
4. **Environmental Impact Assessment** (*Jerbal in etale im katak kin jorren ko nae balaak ko*)
5. **Building construction** (*jerbal in ekkal/kajjutak*)

4.1 AN BWidej eo (LAND) Kobalok Ibben Dren eo

Elap ijo kunan armij ro nan kejbarok men in jerammon ko ion ene . Ijoko jikin armij (Public Land) ej ijo Kien ej kejerbale nan elon un ko im ekoba ijoko Kien eo an Japan ar jerbal ion ilo tore ko an. Juon ian kien/mo ko an Japan emoj likit bwe aolepen melan eo ilojet, jen jemlok in dren im meto-lok ej an Kien eo im wewen in ej alikar ilo kien ko an Ri Majol botab emaron komman oktak nan jet jerbal ko.

Juon armij eo bwidej eo an ej ekkejil lok ibben lojet eo ewor an MARON ilo melan lojet jen jemlok in dren meto-lok. Armij in (owner) ewor an maron ekkal, ejaki, im kajjutak em ko, wop ko, ak jabdewot jerbal in ekkal ko ion ak ilonin kappe, ion bedbed eo ekobalok ibben dren eo im maron in ebed ibben nan an kejerbale.

Ijoke, maron in ej bar etal nan armij eo ak armij ro raar baj kabjer wot maron in ilo tore in kien eo an Japan (e ak eo tok ilal). Bareinwot, toon wot an maron in jerbal ilo kien manit jen tore eo ar jako.

Jekjek kein aikuj bar lori:

LAND OWNER AIKUJ IN

- ✓ Bok melim ilo jeje jen Chief Secretary eo mokta jen jino jerbal ko.

Ijelokin maron kein bakaki ijin ilon, ejjelok an juon maron (*public*) komakit im julok wijiki mangrove ko ak nan wanjonak, kobaik 2 ene ibbendron (*land abutting the ocean or lagoon*).

LAND OWNER EO AIKUJ JAB

- ✗ Jerbal nana, ikkure bajjok, kakkuri ak komakit wijiki mangrove ak kejenolok im kejebil lok malo ak lojet eo, ak jabdewot kain jerbal eo enaj komman jorren nan mangrove wijiki ko ak bwidej eo.

4.2 KOMMAKIT/EBBOK BOK AK BWIDEJ (EARTHMOVING)

Kejberbal bok/bwidej elap an aurok ilo RMI kinke aolep jerbal in ekkal ko rej aikuji men kein ruo nan jerbal ko, la im dreka ko emoj kajidrikdriki nan iok jimeen im bij (*concrete/asphalt*). Elane men kein rejjab boktok jen lal ko ilikin, innem renaj aikuj walok wot ilo RMI. Melelein renaj aikuj jerbal kin bwidej im bok eo ilojet. Kain makitkit in jerbal in elap wot an kakkure jerbal eo an ecosystem eo ilo

MELELE IN:

'Ordinary high water mark' (*Ijo ekka an dren eo jemlok ie ak jemlok in dren*), ijo ibben dreka im bok eo ibarijet ak imaan ene ak jemlok in ene naaj etale im kokalleiki bwe ej ijo ekka an dren eo bojak/jemlok ie ak jemlok in ijo dren im ene rej koba ie - *Public Lands and Resources Act 1966 §101A(e)*.

bwidej im lojet eo ilo aer kubiji im eb-eb-baje. Nan wan jonak, elane renaj ebaje wod ko bedbed eo enaj jorren im mij lok. Einwot an alikar ilo Part 1, wod ko rej ej ijj ibbendron im komman bwe en bin an no (*wave*) ko rellap wonene-tak im rej bareinwot jikin likebijnak im mona an ek ko.

Earthmoving Regulations 1989 ej jerbal (*apply*) nan jabdewot makitkit in jerbal ko rej 'kakkure bwidej eo ion ene, wod ilo bedbed eo ak ibulon lojet eo'. Jabdewot armij enaj bok bukan ilo makitkit kein (*earthmoving*) enaj aikuj loor jonak ko ilo *Earthmoving Regulations 1989* im aikuj pepa in kemelim. Wonen pepa in melim in eban driklok jen \$50,000 ibben \$200 (*non-refundable*) wonen jerbale (*processing fee*). Application nan project ko \$50,000 wonaer naaj aikuj in kolla 1% in \$50,000 wonen project eo (*non-refundable*).

Kain makitkit in jerbal rotin ekitbuj tok elon kain kakien ko einwot ko an *National Environmental Protection Act 1984*, *Coast Conservation Act 1988*, *Historic Preservation Act 1991* im *Tourism Act 1991*. *Environmental Impact Assessment Regulations 1994* ej walok ijin ilal ilo 4.4 ej jerbal nan makitkit ko ikijeen earthmoving im ej kalikar ilo regulation in bwe melim eo ikijeen makitkit in eban kijor in druojlok mae ien jerbal in katak, etale im kakobaba ko enaj dedelok jen RMI EPA. Kakien jab in elap an aurok; aikuj lap ien nan read i im melele kake einwot ke ej walok tok ijin ilo tu-kadru in.

LAND DEVELOPER EO AIKUJ IN

wor an melim

- ✓ Kajjitok lok kin melim 1 allin mokta lok jen an ijjino makitkit in jerbal ko (*earthmoving*).
- ✓ Wor an melim jen RMI EPA ikijeen jerbal eo kajjitok kake elane enaj jelete kubij tok bwidej eo nan un ko ikijeen agriculture.
- ✓ Likit ilo plan makitkit in jerbal ko ilo ien idrin elane melim in ejelet bwidej (*earthmoving*).

MELELE IN:

'Earthmoving activity' melele in, jerbal in komakitkit bwidej jen jikin nan jikin, boktake im kakkure bwidej eo ion ene, wod ko ilojet ak ion bedbed eo, ekoba kibuj-tok, bok-bok-take, bonoje, aje-metolok ilo lojet, makitkit ko jet mottan wot jerbal in ion bwidej eo, kibuj tok dreka ko reaurok (mineral) jen ibulon bwidej ak lojet eo, kobij-bij ilo lojet eo, im aolep kain makitkit in jerbal ko rejelet bok im dreka– *Earthmoving Regulations 1989 - Subregulation 3(h)*.



Photo: DJ

- ✓ Wor an melim jen Historic Prevention Obij eo elane jermal in kob (earthmoving) eo enaj jelet men ko bwinnid reaurok.

Design and plan (Karkan makitkit in jermal ko)

- ✓ Jermal in bobrae an walontak dren eo, an lim eo kalbubu wod ko im kakkuri lok men in jerammon ko jet.
- ✓ Jonak im laajrak in makitkit ko ilo plan in en bidodo melele kaki im en bed im alikar imelan jikin jermal ko im en wor an RMI EPA melele ilo plan in (*copy of the plan*).
- ✓ Bed ilo kwelok ko jen RMI EPA im kobaik tok ro remonono in letok jiban ikijeen plan eo.
- ✓ Kejermal ro ewor aer iminene, kabel im wor aer melim ilo kain jermal einwot in, nan lelok jiban karok kobban plan in.
- ✓ Lomnake im kadrelone aolep makitkit in jermal ko ilo plan eo, ko renaj jiban bobrae jorren ko ikijeen erosion im sedimentation (*an limlim im walontak dren*).

MELELE IN:

'Cultural resource' melele in men ko bwinnid im reaurok jen etto, jikin ko ewor bwebwenatoier, jikin ko ebed manit ko ad ie, im jabdewot men ko reaurok ilo lojet, malo eo im ion ene, ekoba jikin ak men ko rej katakin im kelablok jelalokijen ikijeen kejbarok belaak im manit eo an armij in Majol - *Earthmoving Regulations 1989 - Subregulation 3(F)*.

Conduct of activities (Kilen im wewen komakitkit jermal ko)

- ✓ Jermal ko ren makitkit ilo wewen eo eban/ejjab iroj-lok (*bother*) ak komman an mokaj im kajurlok an ibwij-leplep, an lim eo ajeded lok im jelet men in aurok/jerammon ko (*resources*).
- ✓ Lolorjake im kejbarok jen an walontak dren, an lim eo ajededlok im jonak ko nan kejbarok men ko bwinnid, bwe en jab naaj jelet im kakkuri men in aurok im jerammon ilo belaak eo (*lale Earthmoving Regulations ikijeen melele ko reaurok*).

Dredrelok in jermal eo (Completion)

- ✓ Kekomanman im kokajur lok jermal in bobrae ilo jikin ko (*areas*) jen an walon tak dren im an ajededlok lim eo (*sedimentation*) elane enaj dedelok jermal ko (*project*).
- ✓ Komakit men ko ejjelok tokjeir im renaj kaban jermal ko im elkin karreoiki im kekomanman lok ion bwidej.

LAND DEVELOPER EO AIKUJ JAB

- ✗ Bok kunan ilo makitkit in jermal ko rejelet komakitkit bwidej (*earthmoving*) ilo ejjelok melim

Penalty (Nan na-wonen jorren in):

- Naaj aikuj kolla \$100 nan kajojo raan ko makitki kein rej wonmanlok wot im bok jikier ilo ejjelok melim.

EOWI JONAN AN TILJEK PLAN EO IKIJEEN JERBAL EO NAN CONTROL E EROSION IM SEDIMENT?

Wewen kein drelon ke ilo plan in? – *lale Earthmoving Regulations 1989, Regulation 8.*

1. pija in aolep belakin jikin eo (topographic) ak pija in katak ko ikijeem dren eo, lojet eo, river eo, ak malo eo ej jebole project in, ak wewen kein jimor;
2. jekjekin, mulal in, uteij in im ijo bwidej eo ej bed ie, bedbed eo im wod ko;
3. jekjek in im wewen eo ijo ilo jinoun an men in mour ko, men in eddok ko im an ecosystem eo jermal;
4. kalikar ta eo enaj walok nan wod ko, bedbed eo iumin lojet, mangrove ko, lwe ko reaibojboj, barijet eo ak ijoko jabdewot reaurok nan jermal eo an ecosystem eo elane naaj komakit ak boktake bwidej eo (Earthmoving);
5. (proposed alternation) jikin ak kain makitkit in jermal ko jet elane ewor oktak ak jorren ewalok nan ijo;
6. jonan likjab (runoff) in jermal eo enaj walok ilo project area in;
7. karkan makitkit in jermal ko ikijeem komakitkit bwidej/bok (earthmoving);
8. em ko ak imon control kejerbali (temporary) ilo jidrik wot ien nan etale im kojeikik jermal ko ikijeem komakitkit bwidej/bok (earthmoving);
9. imon control nan etale im kojeikik jermal ko ilo juon ien eo eaitok kitien ilo jermal in kejbarok;
10. ilo imon control ko jermal in maintenance en kobatok ilo program eo an ekoba jermal in jobbij im komakitkit jermal ko jet ilo area eo;
11. mene juon barijet eo emoj likit bwe eaurok edrelon ilo area in;
12. mene jikin ko reaurok (cultural) rebed ilo area in;
13. mene ijoko jikin alooj an tourist rebed ilo area in;
14. dren eo itorerein lojet ebidodo an walon tak im jelete jikin kein bakaki.

X Kajejtokjen karok ko ilo regulation ak jabdewot karok ko, ak order eo.

Kaje ko (General Penalties):

- Kejemlok melim eo nan ebbok bwidej;
- Kajejtokjen im kabojrak order eo;
- Bakin \$10,000 nan kajojo raan makitkit ko rej wonmanlok wot im bok jikier;
- Liake lok nan Jikin Ekejet eo; im
- im jabdewot makitkit ko iumin *National Environmental Protection Act 1984.*

4.3 MAKITKIT/JERBAL KO ILO BARIJET KO (COASTAL DEVELOPMENT)

KAKEMEMIJ:

Does the project involve earthmoving activity in a lagoon, reef or body of water?

The RMI EPA may require a land developer to map and describe existing ecosystems, plants, animals, the coastal zone management boundary and coastal areas of special importance as well as maximum and minimum turbidity.

'Makitkit in jermal ko' einwot an kemelet ilo Coast Conservation Act eo an 1988 jabdewot kain makitkit in jermal eo enaj jelet jokkin wot juon eo an barijet eo ilo jabdewot wewen, im ekoba jermal in ekkal im ko jet, lutok lok kobij ko ak wewen ko jet jen jikin kottor ko (out-falls), waan ettor ko ak ko eirlok wot, kommakit/kibuj tok bok eo ilojet, wod, men in mour ko jet (shells/vegetation), ujoj eo ilojet ak men ko jet, ebaje im boktake, binej lok bwidej eo, kubij im bok men in aurok ko ilo bwidej eo (mining/drilling of minerals)' (§302(f)).

Juon ian men ko reaurok ilo coastal development (jermal ko ilo barijet ko) ej bwe en ejjelok juon jikin walontak in dren en jelete. Einwot bakake ilo jinoun kemelele kein, ilo jikin ko elon armij ie, ekka wot an dren tori (walontak in dren) itok wot jen an aban karben e ijoko dren ej tori im jab jejjet plan e. Jarbal in kate ko jen Kien eo nan kejbarok im bobrae wewen in (land reclamation) jet ien ej walontak lokabokbok ko ikijeen jelalokijen eo ilo 4.1.

AIKUJ IN WOR AN DEVELOPER EO MELIM

Permits

- ✓ Aikuj wor an melim mokta jen RMI EPA ikijeen jermal ko kommani ilo jikin kein (coastal zone).
- ✓ Aikuj wor an melim mokta jen RMI EPA ikijeen jermal ko rejelet imaan barijet im ion bedbed eo iumin dren.
- ✓ Kommani jermal in katak im etale ko mokta jen bok melim nan kommakit bok/bwidej (*earthmoving*).

MELELE IN:

'Coastal Zone' Melele in, melan eo iloan 25-ne jen uteij in dren ene-lok im 200-ne jen dren eo iene- metolok - *Coast Conservation Act 1988 §302(c)*.

Makitkit in jermal ko (proposed development)

- ✓ Jermal ko ilo jikin in renaj aikuj bedbed wot iloan Coastal Management Plan eo, im ejjab aikuj walok jorren nan jokkin wot juon, eddoklok im erre eo an Belaak in Barijet eo (*Coastal Zone*).

Jabdewot jermal in ekkal (construction)

- ✓ Loor aolep karok ko ilo melim eo.
- ✓ Elane emoj laajrake karkan makitkit in jermal ko, etal wot im loor karok ko.
- ✓ Loor jonak ko emoj kalikari ilo order ko emoj kemoiki jen RMI EPA ilo tore in jermal ko rej wonmanlok wot im bok jikier.

DEVELOPER EO AIKUJ JAB

X Aikuj jab bok kunan ilo makitkit in jermal ko rejjab walok ilo melim eo

Kaje (Penalty):

- naaj komman bwe en (*fine*) kolla \$500 US im jab lablok jen \$5,000 US; ak
- kalbuj ilo juon tore (*term*) eo ejjab aetok lok jen (1) iio, ak aolep men kein jimor.
- elane enaj kommane wewen in ruo ak elon lok alen, naaj komman bwe en (*fine*) bakin ejjab driklok jen (\$1,000 US) im jab lablok jen (\$10,000 US) ak kalbuj to-tata (2) iio, ak aolep men kein jimor. Naaj bar komman bwe en bakin ejjab lablok jen \$500 nan kajojo raan ko makitkit kein rej wonmanlok wot im bok jikier.

X Jab ronjake ak jab loor ta eo emoj an RMI EPA kean kake, makoko ak kajejtokjen RMI EPA iumin maron eo an, ak ejjelok melele ak men in kamol ko aikuji ak riab ilo melele ko rebwod lilok nan RMI EPA.

Kaje (Penalty):

- Naaj komman bwe en kolla (US \$1,000) im jab lablok jen (US \$5,000),
- ak kalbuj to-tata (6) allin aetokan, ak aolep men kein jimor.
- Naaj bar komman bwe en (*fine*) bakin \$500 nan kajojo raan kein makitkit kein rej wonmanlom wot
- im bok jikier.

X Ejake ak kajutak em ko, ajjur, ak jabdewot wewen ko ion melan ilo barijet eo ak likjab in bok ak komakit jermal (structure) jen jikin kein ilo tore eo emoj kean kake

Kaje (Penalty):

- Elane enaj ilok order eo jen court, RMI EPA enaj bukot kilen bwe money eo an kejobale nan makitkit kein en bar rool lok nane.

NB: Kaje ko jet (*Additional penaltied*) bakin ejjab laplok jen \$500 nan kajojo raan ko jorren kein ijin ilon rej wonmanlok wot im bok jikier.



Photo: DJ

4.4 KATAK IM ETALE KO NAN BALAAK EO

Ta in EIA/Ta melele in EIA

Environmental impact assessment (EIA) juon jermal in katak im etale kain jorren ko rej walok jen makitkit in jermal kein tomak bwe renaj walontak im jelete belaak eo.

Kin kain jermal in, jorren kein renaj jelet belaak eo kio rej kalimjoki im katak kaki. Bedbed ion katak kein, Kien eo kio enaj lomnake kain uuak (*respond*) ak jermal eo ejejjet nan bobrae jorren kein emoj jela bwe renaj walontak. Elane jorren kein remaron driklok, jonak ak bunten jermal ko nan ketobrak jibadbad in naaj aikuj jaki-maanlok nan kemelim/kaweppen (*approval*). Bedbed wot ion maron eo nan bobrae jorren kein, Kien eo ebed ibben kelet/maron eo nan kabojrak jermal ko. EIA enaj aikuj walontak kin wewen jermal ko jet ijelokin kein ekoba melele ko rekaal ikijeen kain jorren ko renaj walok im bok jikier. Ej aikuj wor jekjek ko nan etale lokon jermal ko ibben karok ko ilo melim eo im ekoba jermal in lolorjake im bobrae jorren ko nan belaak eo elane enaj dedelok komadmodi jermal ko.

EIA ej kojelaik lok dri komman-bebe ro ilo kien im armij ro (*public*) ta eo enaj walok tokelik elane ededelok kemelim makitkit kein. Elane kwoj mottan wot jukjuk im bed in im makitkit kein remaron jelete ak ewor am itoklimo ilo jermal kein, ewor am JIMWE in bok kunam ilo jabdewot wewen jiban im jutak ilikin EIA im un kein renaj kalikari ijin ilal. Chairman eo an RMI EPA enaj aikuj kwalok an erra ak jab erra ilo jeje im kalikar etke ej eindrein.

Ilo RMI, (framework) ak monakjen in jermal eo an EIA ej walok ilo National Environmental Protection Act 1984 im emoj kalikare im kemeleleiki ilo *Environmental Impact Assessment Regulations 1994 (the EIA Regulations)*.

Eddo ko an eo ej kabjer jermal in (Proponent)

Ekkar nan Regulations ko an EIA, armij in (Proponent) aikuj keboje im jake manlok EIS eo nan ibben RMI EPA nan kemelim. Laajrak in ej kalikar wewen ko (Proponent) aikuj ak jab aikuj kommani. EIA Regulation kein realikar im kajju; ej aikuj tiljek liniri einwot ke laajrak kein rej walok ilo tu-kaduijer.

ARMIJ IN (PROPONENT) EJ AIKUJ

Ilo jinoun ejake makitkit kein (inception)

- ✓ Ilo jinoun ejake makitkit in jermal (planning) koi lo plan in , etale elane makitkit kein rej bed wot ilo el-mokwot wot.
- ✓ Elane eindrein, kommane im jake-manlok nan ibben General Manager (GM) an RMI EPA juon proposal nan ekatak wot.
- ✓ Jake-manlok proposal in nan RMI EPA mene ewor regulation ko iumin Kien eo an RMI makitkit kein ilo proposal in renaj jeleti.

Etale im katak kake (Scoping)

- ✓ Aikuj koba lok im bok kunan ilo jermal in katak eo ilo EIA eo elane RMI EPA ej loe bwe jorren ko rellap 'remaron jelet belaak eo'.
- ✓ Kebaak im etali kajjitok ko jen ibben armij ro einwot ke men in eikuj jen GM eo an RMI EPA.
- ✓ Kommane juon ien ronjake ekkar nan kir eo an GM eo an RMI EPA.
- ✓ Lelok report in EIA in katak (scope) in ilo jeje nan GM eo an RMI EPA.

Nan ekatak (Draft EIA)

- ✓ Aikuj kadedelok EIA katak eo ilo juon ien eo emokaj elane melim eo ilo jeje emoj an tobrak tok jen RMI EPA.
- ✓ Jilkinlok juon draft EIA nan RMI EPA im kadedelok elane ebar wor men in kakobaba ak kobaik tok jet melele elane emenin aikuj jen RMI EPA mokta jen an dedelok im bojak.
- ✓ Kalikar kettobar eo an plan in im un eo an bwe public en jela im melele kake ekkar nan RMI EPA.
- ✓ Lore aolep karok, makitkit in jermal ko, rule ak wewen kejbarok ekkar nan RMI EPA ikijeen jermal in bobrae jorren ko nan belaak eo ilo ien ejake EIA eo.
- ✓ Ibben EIA eo en ekkejil juon kemelele in aolep makitkit in jermal ko ilo plan in, juon kemelele kin un in kettobar eo an plan in, im kalikar jermal ko im enaj--- aetok kitier im ko ekadu kitier remenin aikuj ekkar nan eo ej eddo (proponent) in jerbale plan in, jet men in kamol ko reaurok ilo plan in makitkit kein, ekoba melele ko jet rekka im aurok nan plan in.

MELELE IN:

'The proponent' melele in 'armij eo ej bok eddoin im lolorjake makitkit in jermal ko walontk kaki' – EIA Regulations - Subregulation 4(o).

Melele in 'ilo jinoun ejake proposal/plan eo' an makitkit in jermal ko ej ilo ien in eo ej eddoin jermal in emoj an kelaajrak jet jibadbad ko ekoba ilo an maan-jabobo kin jet uuak ko elane emenin aikuj nan ukot jet makitkit in jermal nan an maron ketobrak jibadbad kein im jen wewen in enaj lab un in nan etale im lomnak kake - EIA Regulations - Subregulation 5(a).

'scoping process' jermal in etale im katak kake elon kain makitkit ko, elane aikuj komman kakobaba ko, im ta jorren ko EIA enaj aikuj likit ilo kolmenlokijen- EIA Regulations - Subregulation 4(r).

- ✓ Ekoba tok ilo **plan in komman oktak** in laajrak in makitkit ko nan bobrae im kejbarok belaak eo ilo jonak ko rejjejit.
- ✓ Ekoba tok jekjek in belaak eo ijin mokta jen an jermal ko bok jikier im jekjek eo tokelik elane jermal ko raar jab bok jikier.
- ✓ Elaptata keidri-tok project ko jet ilo belaak eo, an public im private jimor, ko rej bok jikier rainin im ko rej bed wot ilo plan.
- ✓ Kenono im bebe kin wewen ko remaron lelontak kabanban ak lokabokbok ikotaan jermal kein (*proposed development activity*), jermal ko an ro jet, im jermal in jibadbad ko reaurok an national, regional ak local, jermal ko rejelet lojet eo, mo ko im jermal in kejbarok nan bwidej ilo belaak eo.
- ✓ Ekoba tok katak ko remol (*scientific*) ikijeen jorren ko renaj jelet belaak eo walok jen ukotak in jermal ko bareinwot makitkit ko kio ilo plan eo.
- ✓ Ekoba etan armij ro raar lolorjake im keboj EIA eo, im kabel ko ibbaeir (qualifications) im armij eo ar eddoin katak kein im melele ko jet reaurok.

KAKEMEMIJ:

elane ewor oktak ilo jikin eo (*Alternatives*), jekjek in im belaak in (lale Regulation 21 EIA nan melele ko reaurok nan eo ej eddo in jermal in).

LAAJRAK EO NAN KATAK KIN JORREN KO RENAJ JELET BELAAK

(eo, lale EIA Regulations, Regulation 23:)

1. Wewen ko realikar renaj jelet belaak eo im jorren ko naaj walok ie;
2. Wewen ko eban lukkun alikar an jelet belaak eo im jorren ko naaj walok ie;
3. Melele eo kin jekjek in belaak ikijeen makitkit ko aer bok jikier ilo juon kotaan eo ekadru keidri nan jet men in wonmanlok ko walok ilo juon kotaan eo aetok;
4. Lomnake an lonlok wewen ko rejelet belaak eo;
5. An jako lok men in jerammon im men ko jet reaurok aikuji im maron eo nan kejbaroki;
6. Erreo im aibuijuj an ijoko jikin armij, wewen ko jen etto im men in jerammon ko, im juon belaak eo ejjejit karokan;
7. Jorren ko renaj walok jen lonlok in armij im an armij ro bed im jermal ion ene ko;
8. Oktak eo enaj jelete men eo ej kejbarok men in eddok ko (ecological systems);
9. Jorren (pollution) ko renaj jelet balaak eo;
10. Wewen ko nan kadriklok jorren ko rejelete belaak eo;
11. Melele ikijeen jorren ko ebin komadmodi im rejelit belaak eo;
12. Juon katak eo ikijeen wonen im ta eman eo enaj walok jen makitkit in jermal in; im
13. Kalikar jibadbad ko remenin aurok ilo makitkit kein im ebin ak ebidodo ukoti

Etale im kaweppen EIA (review and approval)

- ✓ Ekoba tok katak im wewen ko jet RMI EPA ej loe bwe eaurok nan komman ukoktak ilo makitkit in jermal ko im enaj menin aikuj nan kokal EIA eo.
- ✓ Kadedelok im jake-maanlok EIA eo nan RMI EPA ekoba aolep men in aikuj ko ilo EIA eo im, bar juon: oktak in jermal ko kelet in eo ej eddoin jermal in (proponent); jonak/wewen jermal ko; ien jermal in etale ko; im jibadbad ko jet reaurok ekkar nan RMI EPA.

Elkin etale im kemelim jen EIA

- ✓ Kalikar plan eo im tibdrik in jekjek in ekkal eo nan kemelimi mokta jen kojjele kake im lale won eo enaj monono in jerbale (*soliciting bids*) ak jino jerbale elane emenin aikuj jen droulu (*entity*) eo ej eddoin jermal in (*regulatory*). Plan im laajrak in makitkit ko iloan ekitbuj:
 - Laajrak eo kin jonak ko ikijeen jermal in kejbarok im kekomanmanlok ekoba juon plan in jermal nan bobrae jorren ko nae belaak eo;
 - dedelok in plan eo elkin jermal in kakobaba ko nan kalikar jekjek in makitkit in jermal ko mokta lok, na-etan 'jekjek in plan eo mokta'; im
 - melele ko jet reaurok bareinwot aikuji.
- ✓ Etale wot lokon jermal ko.
- ✓ Elane emenin aikuj nan RMI EPA, elkin an dedelok im tobrak jermal eo (construction), kommane juon report eo ejenolok na-etan 'Environmental Audit' ak AU, ekoba:
 - juon kemelele in wewen ko rewalok kio nan belaak eo elkin an dedelok makitkit in jermal kein;
 - kalikar wewen (impacts) ko ar jab bolet ak ar jab tiljek kemeleleiki ilo EIA eo;
 - im kajjimwe in makitkit in jermal ko einwot ke emenin aikuji.

EO EJ EDDOIN JERBAL IN (PROPONENT) AIKUJ JAB

- ✗ rumij in jilikinlok proposal eo nan ibben RMI EPA jen raan eo submission eo jinoun ar ilok nan ibben jabdewot droulul (*entity*) ko an Kien ak jen raan eo jinoun karon public kin plan in makitkit in jermal kein.
- ✗ ikir jabdewot kain wewen iloan proposal in eo im enaj lelontak jorren ko rejelet (adverse) belaak eo ak kabur an walontak makitkit in jermal ko jet reaurok mae ien ededelok katak kin proposal eo.
- ✗ wonmanlok wot im jerbale EIA draft eo mokat jen an RMI EPA lelok melim eo nan an wonmanlok wot kake im kadedelok.
- ✗ jibwe jabdewot kain wewen ko rejelet jermal ko mae ien emoj jironlok bwe EIA aikuj ak en wonmanlok wot im jino makitkit ko ikijeen EIA eo ilo torear jermal in kadedelok submission eo (*jet kain jermal emoj kemelim aer wonmanlok wot kaki*).

Kaje ko (General Penalties):

- kajejtokjen im kaboajak order eo;
- kaje kin \$10,000 nan kajojo raan makitkit ko rej wonmanlok wot im bok jikier
- im jabdewot makitkit ko iumin National Environmental Protection Act 1984, *Coast Conservation Act 1988*, ak elane ebar wor kakien (law) ko jet.

Ijo kunan Jukjuk im Bed eo ilo EIA eo

Elane kwoj uan jukjuk im bed eo makitkit in jermal kein (proposed development) rejelete ak ewor am itoklimo ilo makitkit kein, wor am MARON (RIGHTS) in bok kunam ilo jerbale im etale EIA eo. Maron kein rej alikar ijin ilal:

KOMARON in (YOU MAY)

✓ **Uake jabdewot kajjitok jen eo ej eddoin (proponent) jermal in ikijeen jabdewot wewen ejelet plan in. Kwonaj aikuj lomnak kin wewen kein:**

- Aolepen ukoktak in makitkit kein remaron ke walontak ilo EIS eo?
- Eo ej eddoin in jermal in (proponent) emoj ke an kadrelon aolepen katak (scientific studies) remenin aurok nan kadedelok plan in?
- Eo ej eddoin jermal in (proponent) ej lomnak ke in kadrelon tok aolep jonak ko ikijeen kekomanmanlok makitkit in jermal ko elane ewor
- Elap ke melele ilo pepa in ekatak in (scoping document) ej lelok nan an armij ro bwe ren bok kunaer ilo toeran jerbale im etale EIA eo?

✓ **Etale EIA draft eo ebellok nan an public katak kake.** Mottan ko jet kwomaron lomnak kaki errein ijin ilal:

- - EIA draft eo ejejjit ke ilo an kitbuj ke aolep jermal in kakobaba ko?
- ikin in ilo proposal eo ejejjit ke nan kommani makitkit ko?
- EIA draft eo ealikar ke kemelele ko ie ikijeen ta ko renaj jelete jukjuk im bed eo im belaak eo?
- Etiljek ke katak ko ikijeen jorren ko renaj jelete belaak eo?

KAKEMEMIJ:

General Manager eo an RMI EPA enaj aikuj likit melele ko ilo news ko an Kien eo (ak elane ejjelok an Kien make newspapa, innem enaj likit melele kein ilo national newspapa ko):

- (a) jikin im ien eo ebellok nan etale EIA draft eo;
- (b) raan eo, awa eo im jikin eo nan ien ronjake an public, im;
- (c) kirtok public nan an kommani kajjitok ko, elane ewor, iloan wot 30 raan jen ien eo kojjele in ar jino bok jikin EIA Regulations—Regulations 25.

- ✓ **Kajjitok bwe en wor am copy in EIA draft eo** mokta jen ien ronjake an public kin melele in bwe kwoj uan jukjuk im bed eo jorren ko rejelete im ewor am itoklimo ilo plan in jermal ko.
- ✓ **Jake manlok lomnak ko am ilo jeje nan RMI EPA** ikijeen jabdewot wewen ko rejelet makitkit ko ilo **EIA draft** eo.
- ✓ **Bok kunam ilo ien ronjake an public** jen kir eo an (GM) General Manager eo an RMI EPA nan etale **EIA draft** eo. An ajeded im alikar ien ronjake in aikuj druojlok jen ibben manager eo im aikuj iwoj am ien jutak im bok kunam im en walok ainikiom, im likit melele ko ilo jeje. General Manager eo aikuj boki im etali melele ko jen armij ro (public).
- ✓ **Bok kunam ilo ien ronjake an public** elane order ko emoj kajejtokjeir im kabojraki rej kottoloki (issued) ilo raan ko tokelik.
- ✓ **Bukot jiban jen private lawyer ro ak jen droulul ko an kien.**

KAKEMEMIJ:

Jabdewot armij eo enaj kejekdron melele imkarok ko iloan EIA eo, RMI EPA enaj emakit im komman kobbojak. ijiton kein edrelon Kabojrak im Kajejtokjen Order (*melim*) eo. RMI EPA enaj aikuj kir nan juon ien ronjake an public nan etale menin kamol ko ilo torein ededelok order eo. Alikar in ien ronjake, im en bellok ien nan an armij ro bok kunaer im en walok ainikier ilo ien ronjake eo, enaj ilok ien in nan jabdewot eo eitok-limoin. *Lale EIA Regulations -Regulation 41.*



Photo: DJ

4.5 BUILDING CONSTRUCTION

Em ko (*building*) kajutaki aikuj loor rule in ekkal ko nan bobrae kijeek (*fire prevention*) im erre eo an dren im ibelakin jikin eo ekkar nan Building Code eon an ekkal. Lumin Plannin im Zoning Act eo an 1987, karkan (*formulation*) jermal kein nan building emoj aer ajeji nan kajojo local government ko. Local Government ko rej aikuj walontak kin jet kakien (*ordinances*) ko, nan wanjonak wewen ko rej kalikar aikuj eo bwe en wor nien dren in wot (*rain water*) ak ren loor rule ko ikijeen jikin eo, aetokan im drebakbak in imoko kajutaki im en jejjet aer letok meram ak mejatoto iloan imoko. Ewor jet jekjek (*provisions*) ko aikuj lori rebed ilo Marshall Islands Building Code rej eddoin Minister eo an Public Works.

MELELE IN:

Mweo ak jikin eo emoj kajutake' ak jabdewot ekkal in Em, jutak in Em, ak nan jikin jokwe, jikin kone, im nan kejarok armij, men in mour ko ak men ko mweien armij - *Planning and Zoning Act 1987, §202(a).*

KWOJ AIKUJ IN

- ✓ Bok melim nan kajutak juon imon jokwe, (*house, building or structure*) mene naaj jutak jidrik wot ien ak nan indreo.
- ✓ Bok melim mokta nan am kommani jet oktak ko, jet kakobaba ak dremolok ilo mweo (*house, building or structure*).
- ✓ Loor aolep wewen ko (conditions) emoj laajraki ilo melim eo.
- ✓ Jerbal ko rej aikuj ijino iloan wot (90) raan einwot an kemelele ilo melin ak jermal kein rej aikuj dedelok iloan wot (2) iio jen tore eo melim in ar jino bok jikin, ak bar kommane juon melim.

KWOJ AIKUJ JAB

- ✗ Ilo an ejjelok am melim-
 - kajutak jabdewot imon jokwe, jabdewot kain em ko rellap (*mene mwin eban aetok kitien an jutak ak ejjutak nan indreo*) ak
 - komman oktak, kakobaba ak dremolok nan mweo elkin an dedelok im jutak.

Penalty (Nan na-wonen): Naaj aikuj kolla ejjab lablok jen \$500.

- ✗ Jerbal, jokwe, ak bed ilo juon em eo ekal (mene ej nan jidrik wot ien ak nan indreo) mae ien emoj an iwoj melim eo ej kalikar am loor aolep rule in ekkal ko kelaajraki.

Penalty (Nan na-wonen): Jabdewot armij eo enaj jokwe, jermal, ak bed imwin ej an eddo kolla fine ejjab lablok jen \$500.

- ✗ Elane naaj likjab in loor karok ko jen Building Obija eo im karok ko ikijeen ekkal.

Penalty (Nan na-wonen): Naaj aikuj kolla limabuki (\$500) Fine, ak jilnuul (30) raan kalbuj, ak wewen kein jimor. Nan kajojo raan ko kakien in ej rub naaj kejenoloke im bar na-ruon kake.

5. AN JAB EMAN DREN EO ILOJET

Eman eo Dren eo Ilojet enaj oktak im kauotata itok jen makitkit ko ion ene, ekoba etonono jabdewot jikin im ejab jejjit kejbarok kobij ko bareinwot ilo an kobij ko ewor kauotata ie etal jen ion ene nan lojet eo. Botab, waan ejerakrok jidrik ko im tima ko rej bar un eo juon in nan paijin eo an dren eo ilojet. Wewen in ej walok ilo an kobij ko jen em-jidrik ko ion wa kein ak kobij ko jet toor-lok nan lojet eo. Toor-lok in oil, ekka an walok elane ej obrak ijo kin wa ak ilo ien an nana lojet im lab koto, enaj lab jorren ewalok jen wewen kein. Enaj bareinwot aban nan jermal in karreo barijet ak kabbe ko im aolep men ko ilo lojet eo.

Marine Water Quality Regulations 1992 kar kajedede nan public ekkar nan *National Environmental Protection Act 1984* nan kalikar im kejenolok jet jikin ko ilo lojet eo im renaj bed ilo jermal in kejbarok, nan etale im kejbarok eman eo an dren eo aikuji im nan jermal ko jabdewot im nan lilontak jet jekjek in jermal ko nan drebij eman eo an dren eo.

Karok kein rej ejaake juon jekjek in jermal eo ej kejenolok dren ko ekkar nan wewen kejerbali. Dren eo ilik ettolok ejenolok jen dren eo ej jebole jikin ketoor-lok dren eo jen Majuro sewage emoj likit bwe ej Class AA, nan wanjonak, ebed ilo kejbarok nan kommani ekatak ko ikijeen lojet eo, nan jiban im kalonlok men ko ilojet einwot jukkwe (shellfish) im menin mour ko jet ilo lojet eo, jermal in kejbarok wod ko im ijoko jet ilo lojet eo, jet jikin ko reaibuijuij nan ad aloji im monono kaki. Rej aikuji 'bed ilo jekjek im nememe eo aer e-wemourur, erre eo im ejjelok jabdewot men in kakkure ko rejeleti'.

Eo ej eddoin lolorjake eman eo an dren eo ibelakin RMI ej RMI EPA, im laajrak in karok im makitkit in jermal kein rej jebar tok jen monakjen in jermal eo ikijeen jekjekin im wewen jerbale aurok im eman eo an dren eo. Ijoke, laajrak in eaurok ikijeen Fisheries Enforcement Act 1997 ej jermal nan Fishery Waters (lale melelein ilo Division 6):

KWOJ AIKUJ JAB

- X** Komman ilo jabdewot wewen ko renaj kakkure dren eo ijo ilo belaa in jikin enwod eo (Fishery Waters) im wewen in ebar jelete jabdewot makitkit in jermal ko ilo lojet eo (omission) im renaj kakkure dren eo im ej-jimourur an men in jerammon ko ie.

Kaje (Penalty): Naaj bakin \$500,000 im Court emaron jitone bwe en kolla wonen jermal in karreo an jorren kein.

Enin ej jet ian wewen ko rej kakkure eman im ej-jimourur an men in eddok im jerammon ko ilo lojet eo:

- Kobij ak menoknok ko rejjab maron madreondeon lok (Non-biodegradable);
- Kobij in paijin ko, ak jabdewot kain dren eo ewor mottan kauotata ie, ekoba oil petroleum, solvent, kobij in maal ko (metal) ak kobij in sewage ko;
- Jabdewot wewen ko renaj komman bwe en kijki im jorren dren eo jermal in enwod ej bok jikin ie (Fishery Waters).

Ijellokin wewen kein ijin ilon, monakjen in jermal (framework) eo nan etale im kejbarok dren eo ilojet ej alikar ilo laajrak in Mo ak kakien kein:

ACTS	REGULATIONS
<i>Jerbak in etale an Men In Mour im Eddok ko Act 1966 (Animal and Plant Inspection Act 1966)</i>	
<i>National Environmental Protections Act 1984</i>	<i>Marine Water Quality Regulations 1992</i>
<i>Eddo eo nan na-wonen jorren ko walok jen Oil (Civil Liability for Oil Pollution Damage Act 1993)</i>	

Jet kein melele rej laajrak ijin ilan nan kolmenlokijen kaki:

1. **Jorren nan Dren eo Ilojet walok jen makitkit ko ion ene**
2. **Jerbak in bobrae jorren ko walok jen Oil**
3. **Jorren ko walok jen makitkit in Waan lojet ko** (*Tima ak Loon ko*)

5.1 JORREN EO NAN DREN EO ILOJET WALOK JEN MAKITKIT KO ION ENE

Etton ak paijin ko rej itok jen ijo ak jikin eo (**non-point source**) ejjab tiljek an jerbak im ejjelok melele kake im emaron kakkure ak komman bwe dren eo ilojet en jab eman. **Non point- source** ak ijo ak jikin eo kobij ko rekauotata ak paijin ko rej walok tok jene im rejjab bar walok tok jen makitkit in jerbak ko jet ak rej walok tok wot jen an kobij ko rellon ejouj ibben dren. Juon wanjonak ilo RMI ej ilo an dren eo jab eman ak etoon im ej walok tok jen an jab tiljek wewen jerbak ko, an jab tiljek kejbarok kobij ko an men in mour ko ak jemaron loe ilo an etoon ko toor lok nan lojet eo ilo ien ej lap an wot (*rainfall*).

Ilo ad keidi lok, **juon kain paijin eo ej walok tok jen kobij im ejenolok**. Ilo juon wanjonak ej walok ilo ien an kobij eo ej toor-lok jen pipe ko nan lojet eo jen jikin jerbak ko ak oil eo jen pipe ko. Bar juon wanjonak ej walok elane kobij ko ewor mottan paijin ie rej toor-lok jen ion ene nan lojet eo. Jikin kein im paijin kein rej itok jeni ej bar aikuj ilok kokabiloklok ilo an etal melim im naaj kaboajak jabdewot makitkit in jerbak ko rejelet kakien ko.

Marine Water Quality Regulations 1992 ekitbuj aolep jonak ko nan bobrae paijin ko jen jikin jerbak ko ion ene im ion dren jimor. Eddo kein emoj kelaajraki im kalikar im likit ion armij ro jikier ijekein im dri jerbak ro aer; ej aikuj tiljek aer liniri melele kein. Laajrak kein ijin rej walok tok ilo tu-kadru in melele ko aer.

MELELE INS:

'Mixing Zone', ak melan ijo jikin iok ak ukok im jonak eo an dren eo emaron aikuj in etale ekkar nan Regulation ko.

Jikin iok ak ukok in ej kwalok jonan drettan dren eo ej bed iturin jikin illutok lok kobij ko kere ibben dren eo jen lojet itok jen an kajur an toor lok kobij in dren eo im jonan mijel in kobij eo im dren eo ej dreton tok.

Marine Water Quality Regulations 1992 - subregulation 5(i).

DRI JERBAL EO EJ AIKUJ IN (OPERATOR)

- ✓ Wor an melim nan kajutak juon kein bobrae paijin (*MIPDES*) ko renaj jelete dren eo ilojet.
- ✓ Kanne an pepa nan kajutak juon 'jikin iok ak liklik' (*zone of mixing*) jen RMI EPA ak kalikar im kemeleleik lok RMI EPA elane ijin ejjab aikuj kein bobrae ko bwe jerbak ko ijin reban jelet im kakkure eman eo an dren eo ilo lojet eo.

- ✓ Aikuj kejjelaik lok RMI EPA iloan 24 awa ko im bok bunten ko 'rejejjet im rekka' ilo ien idrin elane enaj wor jorren walok jen jab tiljek kin jermal in kobij ko.

DRI JERBAL EO EJ AIKUJ JAB (AN OPERATOR MUST NOT)

- ✗ Likit, julok ak ejouj kobij ko im ewor mottan kauotata ie ilo juon wewen eo paijin eo enaj bidodo aer koba lok ibben dren eo ilojet ilo an ejjelok melim jen RMI EPA.
- ✗ Kommane ak kajutake juon jikin ketoor lok kobij in dren ko ilo jikin ak melan eo im dren eo ijo emoj kelaajrake ilo Class AA (*lale itu-ilon*).
- ✗ Likit melele ko rejjab mol ilo application eo nan RMI EPA ikijeen jikin liklik ak iok eo (*mixing zone*).
- ✗ Kommane ak kajutake juon jikin ketoor lok kobij ilo an ejjelok melim.

Naaj na-ruon im bakin linlok \$500 nan kajojo raan ko makitkit kein rej bok jikier ilo an ejjelok melim.

Laajrak in wewen ko naaj na-ruon kaki ikijeen kajekdron jabdewot ian kakien ko ilo *Marine Water Quality Regulations 1992* an jikin ko rej ketook lok kobij:

- naaj kajejtokjen melim eo an;
- kaboajak im kejemlok ijjiton eo;
- naaj na-ruon, kin wonen ko ekkar nan RMI EPA, ejab laplok jen \$10,000 nan kajojo raan ko makitkit in jermal kein rejjab jimwe rej wonmanlok wot im bok jikier; im
- im jabdewot kain jonak ko kin melim eo an National Environmental Protection Act 1984.

5.2 BOBRAE JORREN KO WALOK JEN OIL

Marine Water Quality Regulations 1992 ekitbuj jermal ko nan bobrae jorren ko walok jen oil ko ilo jikin ko ion ene im ilo lojet eo jimor.

DRI JERBAL EO EJ AIKUJ IN (AN OPERATOR MUST)

- ✓ Keboj juon laajrak ak karkan jermal in bobrae ilo ien idrin (*SPCC Plan*) bedbed ion Kakien ko ilo 1992 nan kejjarak Eman eo an Dren eo llojet elane jermal ko rej komman ion ene ak ilo lojet eo ilo kotmene lok an oil ko toor lok nan lojet eo, ebakelok kappe im barijet ko.
- ✓ Je kemelele ko nan kajojo oil ko rej toor lok im jermal in karreo ak bobrae ko boki elane ar wor juon ak elon lok kottan toor lok in oil iloan 12 allin ko mokta jen jake-manlok SPCC Plan eo nan Ro-tellokier (*Authority*).
- ✓ Kajutake ak kommane emaron juon ian kein kokkwon (*containment*) im kejjarak (*diversionary structures*) ko nan bobrae an toor lok im ajeded paijin ko einwot an kemlet ilo *Marine Water Quality Regulations 1992*.
- ✓ Likit valve ko ilo jikin kettor-lok ak jabdewot wewen eo ejjejjet im tiljek enaj bobrae jorren ko elane enaj ettal im toor lok oil nan ijo jikin kadruoj lok dren eo.
- ✓ Lale bwe en ejjelok jabdewot tank ko rej jermal nan kokkwon oil mae ien tank ko kar kommani bwe ren nien oil im ejjelok jorren ie nan kejjarak oil ko.
- ✓ Lukkun lale bwe tank ko kio im ko mokta eto jermal kar kommani ilo tiljek im jejjet, jekdron ta ebin aer kwalok jorren, jekdron eowi toon aer jermal.
- ✓ Mokaj im jerbale ettal eo ijo eo oil ej toor lok ie.

DRI JERBAL EO EJ AIKUJ JAB (AN OPERATOR MUST NOT)

- ✗ Likit tank ko komman jen maal (metallic) ibulon bwidej einwot jikin kokkwon oil.
- ✗ Lutok lok oil nan lojet eo jekdron eowi drettan jonan enaj kakkure jokane im ejmour an armij ro.
- ✗ Lutok oil bwe enaj jumae wewen ko rej drebij im kejbarok eman eo an dren eo ilojet.
- ✗ Lutok lok oil ilo lojet im komman an lur im lae ion dren eo bwe enaj ikur jonak eo ej boktok ej-jimourur nan men in mour im eddok ko ilojet.
- ✗ Lutok lok oil ilo lojet eo bwe enaj komman an tab im limlim ibulon dren eo.
- ✗ Kereik uno dren ko jet nan kapidodo im karreok oil eo mokta jen ketoor lok
- ✗ Bok kunan ilo jabdewot kain makitkit ilo ejjelok melim.
Naaj na-ruon im bakin linlok nan (Civil penalty) \$500.00 nan kajojo raan ko makitkit kein rej bok jikier ilo an ejjelok melim
- ✗ Drelon tok ak druojlok kin 2,000 ton oil ilo wa eo ilo an ejjelok pepa ko emoj kemelim jermal in (valid certificate).
Armij eo waan wa eo (owner) ak master eo an wa eo ej aikuj bakin ak kolla ejab laplok jen \$5,000.

Kaje ko (General Penalties): ikijeen jumae jabdewot ian wewen kein, jonak ko, aikuj ko, ak karok ko iumin Marine Waters Quality Regulations 1992 eo im ar ejaak nan kejbarok jorren ko rej walok jen oil, ak jabdewot melim, aikuj ko ak jabdewot karok ko (order):

- Kajejtokjen melim eo;
- Kabojrak im kejemlok kon (*order*) eo;
- Jabdewot kain kaje, ekkar nan jonak ko jen Rotellokier, ejab laplok jen \$10,000 nan kajojo raan ko jorren kein rej bok jikier; im
- Jabdewot karok eo lelok kin melim eo iumin *National Environmental Protection Act 1984*.

5.3 AN TOOR LOK AK LUTOK LOK PAIJIN KO JEN WAAN EJERAKROK KO (BOATS\SHIPS)

Marine Water Quality Regulations 1992 ekitbuj paijin ko jen wa kein. Juon jorren eo ej walok tok jen wa kein ej juon jekjek eo ealika im emoj katak kake im kamole bwe ej itok jen wa kein. Jikin kein ijin ilal emoj kelaajraki bwe paijin ko remaron jebartok jen waan lojet ko:

- Jikin ketoor lok kobij jen waan lojet ko
- Dren eo ilal-tata in wa eo (*Ballast water*) im jermal in quarantine

Kobij ak Bwidej ko (Sewage)

Ketoor lok bwidej ak kobij ko nan lojet eo e-melim wot nan wa ko ejab waan pajinjea ak ejab waan jermal (*non-commercial*) ak emoj lelok melim im bwidej ak kobij eo ededelok karreokiki. Ilo jabdewot wewen, laajrak in karok kein rej aikuj bok jikier:

KAKEMEMIJ:

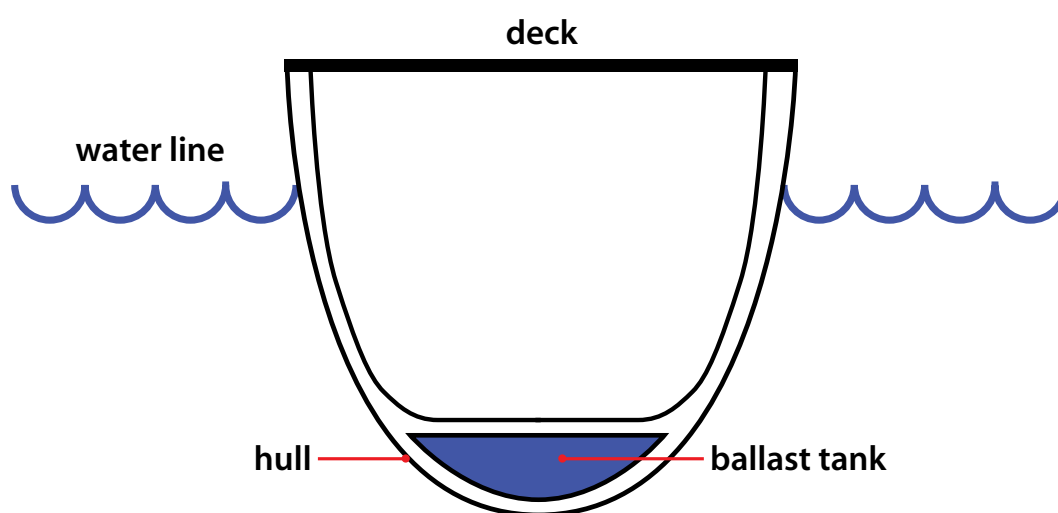
Jonan kijij eo an kobij eo ilo ien lutok lok ejjab aikuj laplok jen 200 (per) kin 100 milliliters ak laplok ilo kobij ko jet jen 150/mg/L - *Marine Water Quality Regulations 1992 - Regulation 28*

DRI JERBAL EO EJ AIKUJ IN (AN OPERATOR MUST)

- ✓ Keboj ak likit kein karreo (marine sanitation device) eo ion wa eo elane ewor jikin kebbojak (toilet) ion wa eo.
- ✓ Lale bwe kobij eo en jab lap jen jonan kij eo ie ekka nan *Marine Water Quality Regulation 1992*.
- ✓ Aikuj bok melim in komman ak kajutak "jikin lutok lok ak ketor lok" mokta jen ketor lok kobij eo nan dren eo ilojet im kolla wonen kin \$50.00.

DRI JERBAL EO EJ AIKUJ JAB (AN OPERATOR MUST NOT)

- ✗ Ketor lok ak lutok lok kobij eon an dren eo, mene erre ak jab, jen jabdewot waan lojet ko ilo an ejjelok melim in ketor lok im aikuj kamol nan RMI EPA elane makitkit in ejjab juon wewen eo enaj kauotata nan ejmour an armij im belaak eo.



lolaplap in wa eo ballast tank ej bed ilal tata.

Nan na-wonen jorren in (Penalty):

- Kejemlok im kajejtokjen karok (*order*) eo; im
- Naaj aikuj bakin im kolla ejab laplok jen \$10,000 nan kajojo raan ko jorren kein rej wonmanlok wot im bok jikier.

Kaje ko (General Penalties): ikijeen jumae jabdewot ian wewen kein, jonak ko, aikuj ko, ak karok ko iumin *Marine Waters Quality Regulations 1992* eo im ej ikijeen an toor lok paijin ko ak jabdewot melim, aikuj ko ak karok ko:

- kajejtokjen melim eo;
- kejemlok im kabojrak karok (*order*) ko;
- naaj bakin im kolla ejab laplok jen \$10,000 nan kajojo raan ko jorren kein rej wonmanlok wot im bok jikier; im
- jabdewot karok eo lelok kin melim iumin *National Environmental Protection Act 1984*.

Dren eo iloan tank eo (Ballast water) im quarantine

Dren eo iloan tank eo iloan waan ejerakrok ko, tima ak jabdewot men eo ej eb-bebe ion dren ej komman bwe en jokkin wot juon an bed ion lojet eo. Dren eo iloan wa kein ekka an kemour elon kain paijin ko walok jen maal eo kommane wa kein kake, ekoba men in eddok, men in mour,

naninjij, im kij ko. Wewen in emaron boktok men in mour ko jen lal ko ilikin im remaron kakkure (ecosystem eo) ak men eo ej lelok ejmour im kejbarok nan men in mour im eddok ko ilo belaak in dren eo. Ilo iio ko rej jemlok lok, katak im rejan ko ikijeen jorren ko rej walok itok jen an jab tiljek jerbale wewen in (Ballast water) ej kajur lok wot.

Aer etali wa ko ej eddoin dri jermal ro jen agriculture im quarantine ekkar nan kakien ko ikijeen men in mour im men in eddok ko iumin jermal in etale eo ar weppen ilo 1966 (Inspection Act 1966). Chief eo an Agriculture iumin Ra eo an Ministry eo an Resources im Development ej lolorjake jermal in etale ko. Ebar ejjelok melele ijelokin melele kein iumin Kakien in ikijeen ballast tank ko.

DRI JERBAL EO EJ AIKUJ IN (AN OPERATOR MUST)

- ✓ Ketlok bwe dri etale ro jen quarantine ren etale dren eo (ballast water) iloan wa eo.
- ✓ Bojak jabdewot ien kin pepa ko rej kalikar kain mweiuk eo iloan wa eo im pepa ko jet rej kemeleleik jermal ko jet an wa eo ilo ien dri etale ro jen quarantine renaj aikuj loi.
- ✓ Drebij ak likit wot jabdewot men in mour, men in eddok, ak jabdewot men eo ebed iumin quarantine kakien eo ion wa eo ilo torear atartar ilo port ak ilo an bed ar in ene ko jet ilo RMI.
- ✓ ketlok bwe ren buuki wa eo kin kein manman men in mour ko ak jabdewot kein karreo elane dri etale ro jen quarantine rej loe bwe ekkar; kin wewen in, buuk (spraying) wa eo kin kein manman men in mour im nem eo iloan wa kein rej aikuj lolo iumin kakien ko ikijeen ejmour an armij.

Kaje (Penalty): Juon armij eo ej jumae jabdewot ian kakien ko ilo Mottan in (this Part) ak jabdewot wewen ko ikijeen lolorjake (animal controls) men in mour im eddok ko, quarantine ak regulation ko naaj na ruon im kabod e kin juon jermal eo ejjab jimwe.

6. IKIJEEN ENWOD EK

Ilo aolepen lalin, emaat lok ek im RMI ebar jelete wewen in. An ietlok ek ej itok jen tar jen jonan enwod ilo jikin ko rebake ene- ekka aer ba eietlok ek ilo raan kein.

Marshall Islands Marine Resources

Authority (MIMRA) ej an eddo lolorjake im kejbarok aolep men in jerammon ko ibelakin Dren eo emoj kotlok einwot jikin enwod (*Fishery Waters*) einwot juon eo ebed Maron (*Authority*) in ibben.

Monakjen in jermal (framework) in enwod eo ej alikar tok ilo Acts im Regulations kein:

MELELE INS:

'Fishery Waters' melele in belaakin dren eo nan boktok jerammon, juon meto eo emoj kejenoloke im dren eo iloa, ekoba lojet eo iar, einwot an kemlet ilo Marine Zones (Declaration) Act 1984, im ekoba jabdewot dren eo edrelon ilo maron (jurisdiction) eo an Republic of the Marshall Islands - *Marshall Islands Marine Resources Authority Act 1997. §102(31)*.

ACTS	REGULATIONS
<i>Marine Zones (Declaration) Act 1984</i>	
<i>Fisheries Act 1997</i>	<i>Marshall Islands Fisheries Regulations 1998</i>
<i>Fisheries Enforcement Act 1997</i>	
<i>Fishing Access and Licensing Act 1997</i>	
<i>Tuna and Game-Fish Conservation Zone Act 1996</i>	
<i>Marshall Islands Marine Resources Authority Act 1997</i>	

Jet kein un rej elaaajak ijin ilal:

1. **Maron eo nan enwod itorerein ene**
2. **Fishing methods** Kilen im kein enwod ko
3. **Jumae, jermal in enwod ko ejjelok melele kaki im jermal in enwod ko ejjelok kakien nae**

6.1 MARON EO NAN ENWOD ITOREREIN ENE

Einwot an kemlet ijin ilon ilo 4.1, mene jen ijo ekka an jemlok dren eo ie im meto lok an kien, jet ian makitkit ko rej kotlok aer bok jikier kinke rej kile JIMWE IM MARON an armij. Maron eo nan onake, drebij im kejbarok ma ak u ko ad rej jet wewen ko jej kili elane jimwe im maron kein renaj kar mour iumin kien ko make an aelon (*local customary laws*) eo ilo tore ko an Dri Nippon (*Japanese*) im rejamin kar komman kabanban nan ejerakrok ion dren.

Juon alab ewor an maron enwod ijoko emoj eiki (*ilik im iaar*) ijoko dren ejab uteij lok jen 4-ne jen ijo ekka an jemlok dren ie ilo ien an baat im meto-lok elane maron in ar jermal ilo tore ko an Dri Nippon (*Japanese*) innem ejjelok lokabokbok ko ilo maron eo an kien.

Einwot an kemlet ijin ilon, jimwe im maron kein rej etal wot nan armij eo ak droulul in armij ro raar kabjer maron kein ilo tore eo maron kein raar jako ibben kien eo an Japan (*e im ro tok elik ekkar nan manit*). Bareinwot, maron in ar mour ibben kien manit ilo tore eo ar jab jermal.

6.2 KILEN IM KEIN ENWOD KO

Jekjekin, wewen, im kilen enwod ekitbuj paijin im kein rubrub, kein enwod ko kejerbali (nan wanjonak mo eo nan kejerbal driftnet ok im ok aolep kain ek rej bo ie), jonak ko nan wiakake ek ko remour, wiakake men in mour ko rejeja im rejjab kauotata nan armij (endangered species) komakit ek ko jen ok im kein aujid ko, kein jermal im enwod (devices) ko rej kobaik im aintok jabdewot ek ak men in mour ko jet ilojet, im kejbarok eo an jikin ak melan ko reaurok (historic sites).

Paijin im kein rubrub ko

KWOJ AIKUJ JAB (YOU MUST NOT)

- X** Kejerbal, boke ak likit ilo dren ak lojet eo ak bok kunam ilo JABDEWOT KAIN JERBAL KO IKIJEEN UNO KO REKAUOTATA (CHEMICAL OR NOXIOUS SUBSTANCE), PAIJIN AK WEWEN KO JET mene wewen kein raar iok ak kommani (*manufactured*) tok jen lal ko jet ak bed im make walok tok (natural origin).

Kaje (Penalty):

- Nan Dri Majol ro (citizens), naaj bakin kolla ejab laplok jen (\$10,000) ak bed iloan kalbujto-tata 3 allin, ak wewen jimor.
- Juon eo ejab Dri Majol (non-citizens) ak juon eo ej jermal ilo etan juon droulul (corporate entity), naaj bakin im kolla ejab laplok jen (\$250,000) ak bed iloan kalbuj to-tata 6 allin, ak wewen kein jimor.

- X** Kejerbal, boke ak likit ilo dren ak lojet eo ak bok kunam ilo jabdewot makitkit ko ikijeem jermal in DYNAMITE AK KEIN RUBRUB KO JET ak jabdewot kein jermal ko (device) rej boki, kakkuri, kemojnoik ek bwe en bidodo aer bo ilo jabdewot ko.

Kaje (Penalty):

- Nan Dri Majol ro (citizens), naaj bakin im kolla ejab laplok jen (\$20,000) ak bed iloan kalbuj to-tata 6 allin, ak wewen keim jimor.
- Dri likin ro (non-citizens) ak juon eo ej jermal ilo etan juon droulul (corporate entity), naaj bakin im kolla ejab laplok jen (\$500,000) ak bed iloan kalbuj to-tata 6 allin, ak wewen kein jimor.

- X** Jikin ak Ene eo, karrelel nan wiaiki, wiakake, bebe kake, leto-letak, boke ak drebiji ek eo ak ek kein boktok kin jermal in paijin ak kein rubrub ko.

- X** Elane ewor melele ibben, likjab ak makoko in kejelaik lok ro-tellokier kin makitkit in enwod ko kejerbal paijin ak kein rubrub ko.

- X** Bok ek ko im kejerbali nan paijin ak kein rubrub ko.

MELELE INS:

'Paijin ko', 'Uno ko ewor kauotata (*chemical and noxious substance*)' ekoba hypochlorous acid ak kein kere ko an (*salts*), ekoba jerajko ilo dren ak ilo powder (*bleaches*) ekka an bed ilo imon wia ko iumin etan- Clorox im Purex, wewen ko jet einwot ratenone, tephrosin ak uno ko kijen men in eddok ko (*plant material*) einwot coculusferrandianus, hura crepitans, piscidia erythrina, tephrosia purpurea im wikstremia im rej itok jen Barrington asiatica, wikstremia - *Fisheries Act 1997 §214(3)*.

KAKEMEMIJ:

- Jabdewot kein rubrub, paijin ak uno ko rekauotata naaj loi iloan waan enwod ko naaj likit (presumed) bwe rej jermal nan un kein.
- Aolep ek ion wa kein naaj boki, im jabdewot waan leto-letak ek kein (such) ion dren ak ion ene naaj bareinwot jibwe im kalibuji.

Kaje (Penalty):

- Nan Dri Majol ro, bakin im kolla ejab laplok jen \$10,000 ak bed iloan kalbuj to-tata 3 allin, ak wewen kein jimor.
- Dri likin ro (*non-citizen*) ak juon eo enaj jermal ilo etan juon droulul (*corporate entity*), naaj bakin im kolla ejab laplok jen (\$250,000) ak kalbuj to-tata 6 allin, ak wewen kein jimor.

Kein Enwod ko

KWOJ AIKUJ JAB (YOU MUST NOT)

Enowd kin driftnet eo

X Kejermal Driftnet nan enwod ilo Melan Dren in Enwod eo (Fishery Waters).

Kaje (Penalty): elane dri jermal (*operator*) eo enaj juur kakien in im naaj lo ruon naaj bakin im kolla ejab laplok jen (\$500,000).

Kaje (Penalty): Elane eo waan wa eo, eo ej kejbale im masta (*master*) eo naaj juur kakien in im lo rueir naaj bakin im kolla ejab laplok jen (\$1,000,000).

X Bok kunam ilo enwod kin driftnet jabdewot jikin ko itu-lik ak iloan melan jikin enwod ko (*Fishery Waters*) elane ar wor am melim im ej kemlet kin kakien ko jen Republic of the Marshall Islands.

Kaje (Penalty): Elane eo waan wa eo, eo ej kejbale wa eo im masta (*master*) eo naaj juur kakien in im lo rueir naaj bakin im kolla ejab laplok jen (\$1,000,000).

Kein enwod ko emoj kemo

X Jabdewot kein enwod ak Ok ko (*MESH SIZE*) im emoj kamo kejbali ekkar nan jonan size ko aer naaj loi ion waan enwod ko.

Kaje (Penalty): Naaj bakin im kolla ejab laplok jen (\$250,000), ijoke ikijeen driftnet bakin eo an ejab laplok jen (\$1,000,000).

X Kejbale nan enwod ak likit ion waan enwod ko jabdewot kein enwod **KO IM REJAKO ILO KAKIEN KO.**

Kaje (Penalty): Naaj bakin im kolla ejab laplok jen (\$250,000).

X Kejbale nan enwod ak likit ion waan enwod ko jabdewot kein enwod **KO IM EMOJ KAMO KEJERBALI**, rejjab einwot driftnet eo.

Kaje (Penalty): Naaj bakin im kolla ejab laplok jen (\$250,000), ijoke ikijeen driftnet bakin eo an ejab laplok jen (\$1,000,000).

Kadruojlok ak wiakake ek ko remour, mottan ek ko, im men in jerammon ko jet jen lojet eo

KWOJ AIKUJ JAB (YOU MUST NOT)

X Kadruojlok ak wia kake ek mour, dreka ak liben ek ko remour im reurok im wor tokjeir ak ineen men in mour ko jen belaak in Jikin Enwod ko (*Fishery Waters*) mae ien ej nan mona wot an juon member in baamle eo, im ejab eddo lok jen 100 pound im ejab nan wiakake.

X Kadruojlok jabdewot kain ek eo bok jen belaak in Jikin Enwod ko, mae ien ej nan wot mona an juon member in baamle eo im ebaak, ejab eddo lok jen 100 pound im ejab nan wia kake.

Kaje (Penalty):

- Naaj bakin im kolla ejab laplok jen (\$100,000); ak enaj koba lok ibben bakin eo jonan wonen aurok eo an ek eo ijo ej jibadeklok ilo jikin market ko.
- Bed iloan kalbuj to-tata (6) allin, ak wewen kein jimor.

KWOJ AIKUJ IN (YOU MUST)

- ✓ Bok pepa in kemelim jen Ro-Tellokier (*Authority*).

Wia kake men in mour ko ilojet im ejaja

KWOJ AIKUJ JAB (YOU MUST NOT)

- ✗ Bok ene-tak, karelel kake, wia kake, bebe in wia kake, leto-letak, boke, wiaiki ak bok ek eo emoj jitone bwe ejaja (endangered species).

Kaje (Penalty):

- naaj bakin im kolla ejab drik lok jen (\$1,000) ak laplok jen (\$20,000); im
- bed iloan kalbuj to-tata (6) allin, ak wewen kein jimor
- im naaj aikuj bar kolla bakin kin ejja jonan wonen eo wia kake ijo ek eo ej jibadek lok ilo jikin market ko.

Komakit ek ko jen Ok, U, im ko eirlok wot

KWOJ AIKUJ JAB (YOU MUST NOT)

- ✗ Komakit juon ek jen ok ko, u ko, lwe, ma ak jikin kejbarok ek (storage device), mae ien kwe alab nan ijo ak kwoj jermal ilo etan alab eo.
- ✗ Kakkure (*damage or destroy*), ak kajeon komman jorren nan u ko, ok ko, lwe ko, ma ko ak jikin kejbarok ek an bar armij ro jet.

Kaje (Penalty):

- bakin im kolla ejab laplok jen (\$5,000);
- bed iloan kalbuj to-tata (3) allin, ak wewen kein jimor
- Naaj aikuj kolla wonen jorren ko nan alab eo.

Kein jermal kejbarok Ek im kein enwod ko

KWOJ AIKUJ JAB (YOU MUST NOT)

- ✗ Kakkur (*damage or destroy*), ak bok kunam ilo kakkuri kein jermal kejbarok ek ko, ma ko kommani jikin ek, buoy jikin ek, raab ko kommani nan jikin ek ak jabdewot ijo komman in juon bar armij ak jen Ro-Tellokier ak ri jermal ro an local government council eo.
- ✗ Anko aka tartar ibben ijo jikin kejbarok ek eo, buoy eo, raab eo, eo im ej an juon armij ak local government eo.
- ✗ Bok kunam im enwod iloan 150-ne jen ijo jikin kejbarok ek ak ma eo komman in bar juon armij elane ejjab kwe armij in melan eo an jikin kejbarok kein ej bed ie.

Kaje (Penalty):

- Naaj bakin im kolla ejab laplok jen (\$5,000);
- Bed iloan kalbuj to-tata (3) allin, ak wewen kein jimor;
- Kolla wonen jorren ko nan alab eo.

X Boki ak kakkuri ek ko, waan enwod eo ak kein enwod ko an bar juon armij.

Kaje (Penalty):

- bakin im kolla ejab laplok jen (\$5,000); bed iloan kalbuj to-tata (3) allin, ak wewen kein jimor.
- Kolla wonen jorren ko.

Kejbarok an jikin ak melan ko reaurok (historic sites)

MELELE INS (DEFINITIONS):

‘Jikin im Men ko Bwinnid reaurok’ melele in jabdewot jikin, melan, em, ak men ko jet reaurok, kien eo ej kili bwe ewor aurok ie: *Historic Preservation Act 1991 §203(d)*.

‘Jikin ak Melan ko ewor bwebwenato-ier’, melele in men ko bwinnid men in jerammon im rej jebole kij, raar bed tok jen jinoun, ion ene im ilo belaak in lojet eo reaurok nan manit im mour. : *Historic Preservation Act 1991 §203(m)*.

‘Juon melan ak jikin eo ebed ilo bwebwenato’, juon jikin eo ewor men ko reaurok raar bok jikier ie ak jikin eo ewor aurok ko rebed ie: *Historic Preservation Act 1991 §203(q)*.

KWOJ AIKUJ JAB (YOU MUST NOT)

X Bok kunam ilo jermal in enwod iloan 500-meter lojet eo emoj kalikare bwe ej juon jikin eaurok, ak kakkure melan ko ak reaurok ilo manit ekkar nan Historic Preservation Act eo an 1991.

Kaje (Penalty): Bakin im kolla ejab laplok jen (\$50,000); ak bed iloan kalbuj to-tata (6) allin, ak wewen kein jimor.

6.3 MAKITKIT IN ENWOD KO EJJELOK KEJJELA KAKI, RE-RUBE KAKIEN KO AK EJJELOK AER MELIM

Juon kon (*system*) nan lelok license in enwod eaurok nan lolorjake bwe en jejjet im jokkin wot juon makitkit in enwod ek bedbed wot ilo an driklok ak lon-lok oran ek. Elane juon ej enwod ilo an ejjelok an license, melele in e-juur kakien ko im, jen wot wewen in, eban wor melele kin makitkit in im eban wor kaje nane, (IUU).

IUU ej juon jermal eo ejab eman ilo jet ian jikin ko ilo lalin im melele in bwe ebwe an bin an kien ko aini melele ko kin jikin im aetokan ial an wa ko im jonan oran ek ej bo ak maron in etale kein enwod ko wa ko rej kejbale. Enin ej juon ian un ko bwe oran ek en ietlok.

Ilo RMI, jermal (*system*) eo nan lelok license ej bed iumin *Fishing Access and Lising Act 1997* im ej eddoin Marshall Islands Marine Resources Authority (MIMRA) einwot RO-Tellokier (*Authority*). Armij (*citizens*) ro rej ENWOD NAN WOT AER MOUR rejjab aikuj license. Ekoba, leto-letak im wia kake ibelakin aelon kein, nan kake aikuj ko aer makmake.

AIKUJ KO BWE EN MARON ETAL LICENSE:

1. Etam, call sign, aelon eo nan register numba, regional register numba, etan im address eo an operator eo, etan masta eo an wa eo, melele ko jet jen bank ak numba eo jen bank;
2. Jonan ton eo, maron (capacity), melele ko jet reaurok kin wa eo im renaj aikuj kajitkini;
3. If applicable, the access agreement under which such license is soughtElane emenin aikuj, ;
4. Nan kemelim leto-letak im wia kake ek, ia eo ej itok jene, ia eo ej ilok nane, kain ek rot im ewor form ko nan kanni, im kilen im wewen kejbarki.

License

NAN RO REJ WIA KAKE EK EJ AIKUJ IN

- ✓ Wor aer license in enwod mokta jen kommani makitkit kein ilo Melan LOJET in ENOWD eo (*FISHERY WATERS*):
 - Enwod Ek
 - Bok jen jikin nan jikin, im wewen ko jet
 - mari culture or aquaculture
 - Wia kake im\ak ijilok lok ek ak
 - Kaniek in ek (Fish product) jen Melan lojet in enwod eo
 - Ek ko ilo can ak plastic (fish processing)
 - Ikkure in enwod ek (sport fishing)
 - Ekkatak kin men ko ilo lojet eo (marine scientific research)
 - Ekkatak im komakit jabdewot men ilo lijet eo
- ✓ Bok melim mokta jen enwod ilikin Melan Lojet in Enwod eo (*Fishery Waters*).
- ✓ Likit wot pepa in melim eo ilo wa eo aolep ien.
- ✓ Kejjelaik Ro-Tellokier iloan (7) raan in jerbak ko elane emoj an oktak armij eo waan wa eo (*ownership*).

KAKEMEMIJ:

Kwojjab aikuj melim in enwod elane kwe

- juon dri majol eo ej bok an mour jen enwod; im
- the owner of a fish processing establishment that is limited to domestic, personal or non-commercial use.

WAAN ENWOD AK DRI ENWOD RO REJ AIKUJ JAB (COMMERCIAL FISHER MUST NOT)

- ✗ Engage in fishing, processing or any other activity for which a license is required under the Fishing Access and Licensing Act 1997 without a license or in contravention of any of its terms or conditions

Kaje (Penalty):

- Nan Dri Majol (citizen) ro rejjab jerbak ilo etan business eo, naaj bakin im kolla ejab driklok jen \$20,000 im ejab laplok jen \$100,000, ak bed iloan kalbuj to-tata 3 allin, ak wewen kein jimor;
- ro jet, ak armij eo ak armij ro renaj makitkit ilo etan business eo, ejab driklok jen \$100,000 im ejab laplok jen \$1,000,000, im armij eo eban melim an enwod, jerbak kin ek ak jabdewot kain jerbak ko ikijeen ek, ak elane ar ilok license enaj bojrak an jerbak, iumin 3 allin jino jen raan eo kar lo-ruon ie; im
- Kajojo raan ko makitkit kein rej wonmanlok wot im bok jikier naaj kejenoloki im bar na-rueir kaki.

- ✗ Jab kejjelaik Ro-Tellokier kin eo ekal waan wa eo (new ownership).

Kaje (Penalty): Naaj bakin im kolla ejab driklok jen (\$25,000) im jab laplok jen (\$250,000).

Kein kamol im melele ko (Records and Information)

WAAN ENWOD EJ AIKUJ (COMMERCIAL FISHERS MUST)

- ✓ Kajjitok lok (*apply in writing*) ilo jeje nan ibben RO-Tellokier (Authority) bwe ren likit ilo kamol elane wa eo e-melim nan an kajjo-belbel e flag eo an RMI ion wa eo im kwoj lomnak in enwod ijoko retto-lok jen Melan Lojet in Enwod eo (*Fishery Waters*).
- ✓ Kalikar jabdewot likio im mol in melele ko ikijeen melim im registration ko.

WAAN ENWOD EO AK DRI ENWOD RO REJ AIKUJ JAB (COMMERCIAL FISHERS MUST NOT)

X Likijab in lelok melele ko ak melele ko rejjab mol nan RO-RELOKIER (Authority) elane enaj kajjitok lok kin melim nan kommani jermal in ekkatak (Scientific Research) ko ilo lojet eo.

Kaje (Penalty): Naaj bakin im kolla ejab laplok jen (\$250,000).

X Lelok melele ko rejjab mol bwe en maron ilok an melim registration.

Kaje (Penalty): Naaj bakin im kolla ejab laplok jen \$10,000; kalbuj to-tata (6) allin, ak wewen ekin jimor.

Waan Enwod ko rej bed iumin maron an Ro-Tellokier (Authority)

WAAN ENWOD AK DRI ENWOD EO EJ AIKUJ (COMMERCIAL FISHERS MUST)

✓ Elane renaj jibwe wa eo waam, boklok nan jikin bo eo ebaak tata ak jikin eo eman im emelak (*convenient port*).

✓ Ketlok bwe dri-etale (*observer*) eo en iwoj ion wa eo ak jibane ilo an kommane jermal im eddo ko an.

WAAN ENWOD AK DRI ENWOD RO REJ AIKUJ JAB (FISHERS MUST NOT)

X Likiti ak kajeon komman bwe en itok nan ion wa, ak kajeon ukote mottan kein jermal eo ion wa eo, elane emoj an obija ro jibwe im komakiti jen wa eo im likit iumin kejbarok an Kien eo an RMI.

Kaje (Penalty):

Naaj bakin im kolla ejab laplok jen (\$20,000) ak kalbuj to-tata (6) allin, ak wewen kein jimor.

X Kaban, drebiji ak makoko in jiban observer eo ilo ien an kommani jermal ko an iloan Melan Lojet in Enwod eo (*Fishery Waters*).

X Likjab in loor aolep men in aikuj ko an juon obija ak observer im likjab in bok aolep bunten ko nan kejbarok jokane (*safety*) eo aer.

X Lelok ak kwalok lok melele ko rejjab mol nan obij ak observer ro ak jumae ilo ien aer ilok in boke (*lawful arrest*).

Kaje (Penalty): Naaj bakin im kolla ejjab driklok jen (\$100,000) im jab laplok jen (\$500,000) ak kalbuj to-tata (6) allin, ak wewen kein jimor.

X Kabojrak wa eo im komman bwe obija ak observer ro ren to jen wa eo itu-likin Melan Lojet in Enwod eo (*Outside Fishery Waters*).

Kaje (Penalty): Naaj bakin im kolla ejjab laplok jen (\$500,000), ekoba aolep wonen ko nan repatriation bareinwot wonen mona im jokwe ilo ien in ej jako jen RMI im naaj bok eddoin an iuwe im rool nan RMI.

X Likjab in kommani jermal in (maintain) kejbarok nan wa eo ilo ien an bed iumin maron (*held in custody*) an kein eo.

Kaje (Penalty): Naaj bakin im kolla ejjab laplok jen (\$500,000).

X Komakit wa eo ej bed iumin kejbarok (*under custody*) an RO-Tellokier (*Authority*).

Kaje (Penalty): Naaj bakin im kolla ejjab laplok jen (\$100,000) im naaj bok eddoin kolla wonen wa eo jonan wot wonen eo kar wiaik-tok kake jen jikin market ko.

Waan ko jen ilikin Majol im wa ko rej bed ilo aelon kein rej aikuj loor wewen kein

Waan ko jen ilikin Majol im wa ko rej bed ilo aelon kein rej aikuj loor wewen kein

- ✓ Jab komman kella-burbur ak kabanban nan makitkit ko an waan enwod im dri enwod ro jen aelon kein ilo jabdewot wewen ko enaj jelet mour ko aer.
- ✓ Bok melim nan drelone Melan Lojet in Enwod eo (*Fishery Waters*).
- ✓ Kejelaik lok Ro-Tellokier (Authority) 72 awa im kajjitok melim nan ekto ak ektak im kalikar lok juon kamol kin makitkit in (*transshipping*).
- ✓ Wor aer license mokta nan drelon tok im ekto-ektak
- ✓ Wor aer pepa in kamol (*certificate*) kin mweiuk ko ekto ak ektaki.
- ✓ Wor aer license mokta jen enwor ilo Melan Lojet in Enwod eo (*Fishery Waters*).
- ✓ Keboj juon pepa in kamol (report) eo elane RO-Tellokier (Authority) renaj aikuji edrelon wewen kein ie: kain kein jermal rot eo kejerbale; the noon position of the vessel, kain ek rot, oran im drettaeir, kamol eo kin ek ko jab boki (*discarded fish*).
- ✓ Kejelaik lok Ro-Tellokier (Authority) 24 awa mokta jen awa in drelon tok im drouj lok jen exclusive economic zone eo; kajojo Wednesday ilo an bed iloan exclusive economic zone eo; 24 awa mokta jen atatar lok im emakit jen port; im ilo toreaan drelon tok im drouj lok jen juon jikin eo ekilok (*closed area*).
- ✓ Lolorjake bwe aolep melele ko remol en jab bojrak aer keto-ketak ikotaeir im Ro-Tellokier (*Authority*).

WAAN ILIKIN KO IM WAAN KO REJ BED ILO AELON KEIN REJ AIKUJ JAB

- ✗ Kejerbal wa ko jet nan drelon tok ak bed wot iloan Melan Lojet in Enwod eo (*Fishery Waters*) elane ejjelok melim mae ien ewor men in aikuj ko re-idrin ak force majeure.

Kaje (Penalty): Naaj bakin im kolla ejab laplok jen (\$1,000,000).

- ✗ Kaban ak kommani wewen ko renaj jelet mour an dri enwod (traditional fishermen) ro jen aelon kein ilo Melan Lojet in Enwod eo (*Fishery Waters*).

Kaje (Penalty): Naaj bakin im kolla ejab laplok jen (\$500,000).

- ✗ Ekto-ektak (*transship*) ilo meto eo jekdron ta.

- ✗ Likjab in bok melim mokta nan ekto-ektak (*transshipping*) ilo lojet eo.

Kaje ko ikijeen ekto-ektak (Penalty for transshipping violations):

- Naaj bakin im kolla ejab driklok jen (\$25,000), im jab laplok jen (\$200,000); im
- Naaj kolla jonan wot wonen eo wia kake ilo jikin market ijo ek eo ej ilok nane.

- ✗ Likjab in bok melim ak license nan kommani makitkit kein ilo Melan Lojet in Enwod (*Fishery Waters*) eo.

Kaje (Penalty): Naaj bakin im kolla ejab laplok jen (\$1,000,000).

Ekkatak kin men ko ilo lojet eo (*Marine scientific research*)

RO REJ EKKATAK REJ AIKUJ IN (SCIENTIFIC RESEARCHERS MUST)

- ✓ Bok aer license mokta nan kommani ekkatak kein im bok jonak ko jen Melan Lojet in Enwod (*Fishery Waters*) eo.
- ✓ Tilmaki melele ko nan ibben Ro-Tellokier (*Authority*).

- ✓ Jiban lok Ro-Tellokier (*Authority*) kin men ko katak kaki (*marine life harvested*) ilo Melan Lojet in Enwod eo, ko im rejjab maron bar kejerbali..

REIN REJ EKKATAK REJ AIKUJ JAB (RESEARCHERS MUST NOT)

- ✗ Likjab in bok aer license.
- ✗ Likjab in tilmaki lok melele ko nan ibben Ro-Tellokier (*Authority*).
- ✗ Likjab in jiban lok Ro-Tellokier (*Authority*) kin men in mour ko boktok (*harvested*) jen Melan Lojet in Enwod eo (Fishery Waters).

Kaje (Penalty): Naaj bakin im kolla ejab laplok jen \$250,000.

Aikuj eo nan (Mobile Transceiver Unit) im pepa in kamol kin jonan ek eo lelontak

THE MASTER OF A COMMERCIAL VESSEL MUST

- ✓ Likit ion wa eo, kejbaroke im jerbale kake transceiver unit eo ilo aolep ien ilo ien an bed ilo Melan Lojet in Enwod eo (*Fishery Waters*) im ilo ien an bed ettolok jen melan eo (*Fishery Waters*) elane wa eo emaron jermal kin flag eo an Marshall Islands.
- ✓ Loor aolep wewen jermal ko ijo (*manufacturer's specifications*) emoj an kalaajraki ilo unit eo im jabdewot kilen jermal ko karok jen Ro-Tellokier (*Authority*).
- ✓ Lale bwe en ejjelok juon ej ikkure bajjok ak kakkure mobile transceiver unit eo im lale bwe en jab kun, jorren, ak wewen ko jet.
- ✓ Lale bwe movile transceiver unit eo en jab emakit jen ijo jikin ak ijo jikin emoj jitone ak komakiti ilo an ejjelok melim jen Ro-Tellokier (*Authority*).
- ✓ Lale bwe mobile transceiver unit eo bellok im jermal aolep ien ilo tore eo elon an license im melim, mene wa eo ej bed ilo port eo an make.
- ✓ Lale bwe aolep melele ko ikijeen makitkit an wa eo ren tilmaki lok nan ibben Ro-Tellokier (*authority*) ilon aolep (8) awa ilo ien mobile transceiver unit ejjab maron jermal kin jet un ko.
- ✓ Limi kein enwod ko im boklok wa eo nan port eo emoj an Ro-Tellokier (*Authority*) jitone elane wa eo ejjab maron jiton (*make any position*) jabdewot jikin eo ej ilok nane im kejjela ien eo emojak tata im, ilo ien eo emokaj, kejjelaik lok Ro-Tellokier (*Authority*) ke wa eo, emoj an, lemlem kein enwod im ebed ilo port.
- ✓ Kadedelok pepa in kamol eo kin jonan ek lelontak eo im enaj ilok ibben aolep mona in lojet ko jet rej ilok nan jikin market ko ilikin.

MASTA (MASTER) EO AN WAAN ENWOD EO EJ AIKUJ JAB

- ✗ Kenono nan jabdewot eo ejjelok an melim nan jela kin monitoring system eo.

Kaje (Penalty): Naaj bakin im kolla ejab driklok jen (\$15,000), im jab laplok jen (\$100,000).

- ✗ Likjab in loor wewen ko ejaki im rej men in aikuj ikijeen Mobile Transceiver Unit eo.

Kaje (Penalty):

- Naaj bakin im kolla ejab driklok jen (\$25,000) im jab laplok jen (\$200,000); im
- License ak melim eo enaj jemlok kitien.

Jet karok ko jen Port State ko (Port State Measures)

Jonak ak Port State Measures (PSM) kein rej jet wewen ko aikuj ko im rej ejaak in port state eo nan an juon waan enowd jen lal ko ilikin lori einwot juon kon (condition) nan kejerbal port ko iloan port state eo.

WAAN ENWOD EO JEN LAL KO ILIKIN EJ AIKUJ IN (FOREIGN VESSELS MUST)

- ✓ Bokaki kakien im jonak ko ejaak in Ro-Tellokier (Authority).

Kaje (Penalty): Naaj bakin im kolla ejab driklok jen (\$25,000) im jab laplok jen (\$250,000).

Jikin jerbali Ek ko (Fish processing plants)

Jikin komman Ek eo ej aikuj in (FISH PROCESSORS MUST)

- ✓ Aikuj loor aolep karkan jerbali ekkar nan Ro-Tellokier (Authority).
- ✓ Tiljek kin men in kamol ko (*records*).
- ✓ Kebellok ilo aolep ien men in kamol ko (*records*) iman mejen obija ro nan aer etali im kamol aolep jerbali ko.
- ✓ Lolorjaki aolep program ko bwe ren bok jikier ekkar nan Ro-Tellokier (Authority).

7. KEJBAROK EO AN AOLEP MEN IN MOUR IM EDDOK - ONAKE MEN IN MOUR IM EDDOK OTEMJII (*Biodiversity Conservation- Species Protection*)

RMI ej juon ian lal ko ar rejtake un in kenono eo ilo kwelok eo an 1992 United Nations ikijeen men ko otemjij rej mour im eddok (Biological Diversity) im ejja ilo year eo wot General Assembly eo ar kaweppen e.

Ilo melele ko jen lal eo an nan UN, RMI ar kwalok bwe:

jonan oran men in mour im eddok ko ilo Marshall Islands ekoba 106 joi an bao in mejatoto, 37 mammals, 1059 ek, 728 baru, libbinoj im men in mour jiddik ko jet rej bed im jokwe ilo men ko nieir rebbin einwot libbuke im ekka aer mour ilo dren, 126 men in mour eo jekjek in wot iju im 40 men eo einwot matmat. Kauotata eo ilo wewen in nan kejbarok bwe jen wonmanlok wot ilo ad kejerbali im bok ad mour jeni ej ilo an jako lok iminene in jelalokijen im kabel eo itok jen an oktak lok jekjek in mour im an armij ro emakit lok nan lal ko jet ibelaak in lalin, im an men in mour im eddok ko jen lal ko ilikin drelon tok im ajeded lok.²

TA MELELEIN NAAN IN BIODIVERSITY?

Ekkar nan melele ko jen **International Union nan kejbarok men in mour, eddok, dren, mejatoto, lojet eo, ene, im aolepen belaak eo ekitbuj lalin (Nature³)** ej naan eo jej ba mour eo ilo Lalin. Ej kenonon kin elon ecosystems ko im men in mour jiddik ko: men in mour, men in eddok, ijoko rej mour ie im wewen aer bed im walok tok im mour (*genes*). Biodiversity ak an aolepen wewen kein koba ibben dron ej jurake (*foundation*) mour eo ilo lalin. Elukkun in aurok jerbale eo an ecosystem eo bwe ej letok nan kij mour im men in aikuj ko im elane ejjab jerbale innem jejjab maron in mour-mejatoto eo jej menonoiki, mona ko kijed, dren eo nimed erre, bwidej eo ewemourur, uno ko ad, ijo jikin likebijnak, jikin kone jen lan ko rellap, belaak eo elur im aibuijuj erre nan kej-jimourur.

Elon wot men in kabanban ko nan kejbarok men in mour ekoba belaak eo (*biodiversity*) ilo Marshall Islands. Ilo belaak in lojet eo juon ian un ko ej tar jen jonan enwod. Elaptata ilo dren eo ijo ebake barijet (*nearshore marine waters*), kabanban kein rej itok jen paijin ko walok tok jen ion ene jen jatiljek kin kobij ko (kobij ko jen em jiddik ko, kobij (bwidej) ko an men in mour ko, im kobij ko ilo jikin jokbij ko), joto-jotak kobij im kobij ko rejerwawa bajjok iaeijet (*solid waste*). Jorren ko rejelet ecosystems eo walok jen waan ejerakrok ko im aer kubiji im ebaje bulon lojet eo ejelete koba in aolep men ko letok mour (*biodiversity*). Kabanban eo juon ej itok jen an jab emourur men eo (*ecology*) im ej komman an jokkin wot juon bed im mour eo ikotaan men in mour im eddok ko ilo lojet eo (nan wanjonak, ujoj eo ilojet elon lok kijin im ekajur lok nan an man lok wod ko im an ajededlok jimokwel eo im men eo kijin ej juon kain kij ilo wod ko).

Ibelakin lalin an kenaak-lok armij ibben men otemjij ekomman bwe en jelete **men eo ak wewen ko rej jurake mour eo ilo lalin** (*biodiversity*), elaptata ilo aelon kein Majuro im Kwajalein, ijoko im emoj an jako lok wijki im kein ikkan ko reaurok nan drebij wemourur an men in mour im eddok ko ion ene. Bareinwot, an jako lok kabel im jelalokijen eo jen etto emaron jelete wewen ko ej jurake mour eo ilo lalin (*biodiversity*). Nan wanjonak, wijki eo jen lal ko ilikin (*pine tree*) eo im eman ibbed (*casuarinas equisetifolia*) jen 'konnat' im 'bob' eo ekomman bwe en maatlok jen wijki pine tree eo im bar juon in jorren nan won (turtle) ko.⁴ Lukkun uak eo emol kin jorren in nan biodiversity eo ejjanin alikar einwot ke ej wor wot melele ko je-likjab ie ilo jonan belaak eo im jonan oran aolep men in mour ko ie.

Wanjonak in men in mour im eddok ko jaar iminene maantak kaki im emoj aer jako jen ijo tu-ion (north) in Pacific:

- the Purple-capped Fruit-Dove from Ebon (extinct) and
- the Wake Island Rail (extinct).

Ilo Majuro im Mili Atoll, bao eo na-etan 'Mule' (*Micronesian Pigeon \Dacula Oceanica ratakensis*), eo im ej bao in ion ene eo eliktata ilo RMI, emoj drelon ilo jermal in kaajirir im kejbarok einwot ke emoj lukkun ietlok oraer.

Ro-Tellokier (*Authorities*) im aer eddo in nan kejbarok biodiversity eo ej:

- **Ministry of Resources im Development – Agricultural Division**
- **RMI EPA.**

Jekjekin monakjen (*framework*) in jermal in ej ettor iumin laajrak (Acts) kein:

ACTS
<i>Public Lands and Resources Act 1966</i>
<i>Animal and Plant Inspection Act 1966</i>
<i>Endangered Species Act 1975</i>
<i>National Environmental Protections Act 1984</i>
<i>Marine Mammal Protection Act 1990</i>
<i>Tuna and Game-Fish Conservation Zone Act</i>
<i>Fisheries Act 1997</i>

Un ko reaurok rej elajrak ijin ilal:

1. **Kejbarok im onake an men in mour ko im rejeja**
2. **Kejbarok an men in mour ko ilo lojet eo**
3. **Melan ak Jikin ko rebed ilo kejbarok**
4. **Ijo ej drebij im kejbarok an drelon tok mona, men in mour im eddok ko jen lal ko ilikin aelon kein** (*Quarantine*)

7.1 KEJBAROK AN MEN IN MOUR IM EDDOK KO EMOJ AER JINO JAKO LOK (*ENDANGERED SPECIES*)

Juon wewen eo eman nan kejbarok biodiversity ej ilo ad ejake jermal in kejbarok im onake men in mour im eddok ko rej laajrak ilo legislation eo. Naan in ekka ad ba 'men in mour ko rejako lok' ak 'endangered species' im melele in ej jermal nan men in mour im eddok jimor. RMI emoj an kean kake men in mour ko rejako lok ilo Act 1975. Laajrak in men in mour kein rej alikar ilo Appendix 1.

MELELE INS:

'**Endangered species**' melele in jabdewot men in mour ko rejeja im rebed ilo kauotata bwe oraer ebed ilo numba ko ilal tata ijoko jabdewot jikin ilo lalin - *Endangered Species Act 1975 §302(c)*.

'**Threatened species**' jabdewot men in mour ko emoj katak ilo loe ilo juon erre-manlok bwe ebidodo aer naaj bar jako lok - *Endangered Species Act 1975 §302(m)*.

KWOJ AIKUJ JAB (YOU MUST NOT)

- ✗ Boke, bok kunam ilo makitkit in wiakake, boke bwe en mweiom, ak jilikinlok nan lal ko ilikin jabdewot men in mour ko ebidodo aer jako lok (*threatened*) ak emoj aer jako lok (*endangered species*) nan lal ko ilikin einwot wut ak ine, ak men in mour, ak jabdewot mottan ko ilo men kein.
- ✗ Ebbok tok men in eddok im mour ak mottan ko ilo men kein nan Republic in ilo wot iumin melim eo jen Secretary eo.

Kaje (Penalty): Naaj bakin im kolla ejab laplok jen \$10,000 ak kalbuj ilo juon tore eo ejab laplok jen juon (1) year, ak wewen kein jimor.

KWOJ AIKUJ IN (YOU MUST)

- ✓ Mokta bok melim jen Secretary eo an Resources and Development bwe kwon maron boke, boke bwe en mweiom, ak jilikinlok men in mour ko rebed ilo kauotata im ebidod aer jako lok ak emoj aer jino jako lok einwot wut ko, wijki ko, ak jabdewot mottan ko ilo men kein nan am ekatak kaki (*scientific purposes*).

7.2 MEN IN MOUR KO ILOJET REBED ILO KEJBAROK

Jet ian men in mour ko emoj kadreloni ilo program in kejbarok ibelakin RMI ilo Fisheries Act 1997 einwot an laajrak ijin ilal:

Won ko (Turtles)



Ilo RMI, emelim ad ejob won nan wot ad mona, mour im wonmanlok, melele in ne jej kwole im jej aikuj bukot ad mour. Mekar ta, ewor jet kakien ko ijin jej aikuj lori:

KWOJ AIKUJ JAB (YOU MUST NOT)

- ✗ Boke ak manman Wōn Jōbake (*hawksbill turtles*) elane jakur (*their shells*) eo edik lok jen ronoul-jimjuon (27) inj jen tu-maan jakur eo nan tu-lokan tata jakur eo.
- ✗ Boke ak manman green turtle (*wōn*) elane jakur eo drik lokJen jilnoul-emen (34) inj jen tu-maan tata jakur eo nan tu-lokan tata jakur eo.
- ✗ Boke ak manman wōn (*hawksbill turtles*), wōn ko ilojet ak lep in wōn ko ion ene.
- ✗ Wiaiki, wia kake, karelel kake einwot kein wia, ak jabdewot wewen ko nan wia kake wōn ak jabdewot mottan ko ilo wōn.

Kaje (Penalty):

- bakin im kolla ejab laplok jen (\$10,000);
- kalbuj to-tata jiljino (6) allin, ak wewen kein jimor.

Matmat im jukkwe ko (Sponges and oysters)



KWOJ AIKUJ JAB (YOU MUST NOT)

- ✗ Ebbok matmat im ikkure bajjok kaki ak boke im katoke ilo bar jet jikin ko mae ien ewor melin jen Ro-Tellokier (*Authority*).
- ✗ Boke jukkwe ak dri (*black-lip mother peal oyster shell*) eo eo im edrik lok jen emen (4) inj drebakbak iolapen.
- ✗ Ebbok jukkwe ak dri (*black-lip mother peal oyster shell*) eo jen Aug 1 nan Dec 31 jekdron eowi jonan, jekdron jen ia.

Kaje (Penalty):

- naaj bakin im kolla ejab laplok jen (\$10,000);
- kalbuj to-tata jiljino (6) allin, ak wewen kein jimor.

KWOJ AIKUJ IN (YOU MUST)

- ✓ Bok melim jen Ro-Tellokier (*Authority*) mokta jen am boke ak ikkure bajjok kin matmat eo katoke ilo bar juon jikin.
- ✓ Bok melim mokta nan am kommani ekkatak ko kin jukkwe ak dri ko (*black-lip mother pear oyster*) ilo jabdewot ien im jekdron eowi jonan drettan (*size*).

Likaadboulul ak Likobijdat (Trochus)

KWOJ AIKUJ JAB (YOU MUST NOT)

- ✗ Boke ak komakiti likaad Boulul ak likobijrat ak kajeon in kaban an men kein dritto-lok ilo Melan Lojet in Enowd eo (*Fishery Waters*) ilo an ejjelok melim.
- ✗ Komakiti jabdewot likaad Boulul ak likobijdat eo im obin eo edrik lok jen jilu (3) inj ak ejjanin tore eo an in.
- ✗ Komakiti im boke likaar Boulul ak likobijdat eo nan bar juon jikin kin un in bwe en kaine, lik ak kemmour ilo an ejjelok melim.
- ✗ Boke im kalonlon lok ak likit ibbam jabdewot mottan ko ibben likaad Boulul ak likobijdat nan am wia kake, wia kake ilikin ilo an ejjelok melim, eo im ej kemlet kin jonan ton maron wia kake ijokein ak ijoko ilikin im kin juon tore eo emoj kemelimi nan wia kake ilikin.



Kaje (Penalty):

- Naaj bakin im kolla ejab laplok jen (\$10,000) ak kalbuj to-tata Jiljino (6) allin, ak wewen kein jimor; im
- Naaj bakin kin ejja jonan wot wonen ko wia kake likaadboulul ak likobijdat ak jabdewot mottan ko ilo men kein.

KWOJ AIKUJ IN (YOU MUST)

- ✓ Wor juon am melim mokta (*fishing license*) eo ejenolok, nan wot likaadboulul ak likobijdat bwe kwon maron komakiti ak ebbok likaadboulul ak likobijdat.
- ✓ Juon Dri Majol eo im ej jukjuk im amnak ilo juon jikin eo, ekkar nan kien manit, ewor am maron in enwod ijo.
- ✓ Komakiti ak boke wot likaadboulul ak likobijdat eo im obin eo an elap lok jen jilu (3) inij drebakbak in ijo ej bedo kake (*base*).
- ✓ Komakiti ak ebbok wot likaadboulul ak likobijdat ilo ien an toor ak walok (*open season*).
- ✓ Wor am melim nan komakit ak ebbok likaadboulul ak likobijdat jen ijo kin un eo nan kaine, lik ak kemmour ilo bar juon jikin.
- ✓ Wor am melin nan kommani jermal ko ibulon jolet eo im remaron iroj-lok ijoko jikin likaadboulul ak likobijdat ko. Melim eo enaj iwoj wot jen Ro-Tellokier (*Authority*) elane jermal ko rej nan boktok eman eo nan aolep armij ro.
- ✓ Wor am melim nan jobjob tok, aini tok ak boki ibbam likaadboulul ak likobijdat ko ak jabdewot mottan ko ilo men kein kin un eo nan am wia kaki, karelel kaki ak jilikinlok nan lal ilikin.

Men in Mour ko Ilojet (Marine Mammal)

Kejbarok an men in mour ko ilo lojet eo ebed iumin *Marine Mammals Protection Act 1990*.

TUNA FISHERS MUST

- ✓ Elane jonan maron (*capacity*) an wa eo nan ektak ej ebuki (400) ton ak laplok aikuj bok melim eo im edrelon ie men in mour ko jet ilo lojet eo nan enwod itu-rear ijo ejaad okmeneen Dren eo ilo Pacific im ej jebile enoul (40) degree latitude tu-rok kin enoul (40) degree latitude tu-ion im kin jibuki-jiljino-noul (160) degree longitude tu-rilik.

- ✓ Aikuj kejbarok ak drebij aolep pepa in kamol ko kin makitkit in enwod an wa eo ikijeen ek (*tuna*) im men in mour ko jet ilo lojet eo ekkar nan kon (*requirements*) ko ilo program ko an lalin im rej ijijiton in kien eo an RMI.
- ✓ Kerol lik-lok wa eo, (kattor lik-lok wa eo) elane men in mour ko jet renaj bo ilo kein enwod ko (*tuna set*).
- ✓ Kommane jabdewot wewen ko rekkar nan bobrae an wotlok ok eo im bo men in mour ko jet ilo lojet eo (*marine mammals*).
- ✓ Kommane jabdewot wewen ko rekkar nan kerolok im kejbarok men in mour ko jet ilo lojet eo (*marine mammals*), einwot kattor loon jid-drik ko remokaj nan tel lok men in mour ko jet ilo lojet eo (*marine mammals*) nan jikin druojlok eo (*back-down channel*).
- ✓ Kerolok aolep men in mour ko jet ilo lojet eo (*marine mammals*) jen ok eo mokta jen kil-mejen im lelontak ok eo nan ion wa eo.
- ✓ Kejberbal toma (*lights*) ko rekkajur im remaron kwalok jonan meram eo kin (140,000 lumens) kajur in nan kommani jermal ko ilo marok nan bobrae im kejbarok men in mour ko jet ilo lojet eo (*marine mammals*).
- ✓ Kemo aer kejberbal jabdewot kein rubrub (*explosive devices*) ko nan iuun-lok ke ak raj (*dolphins*) nan kein jermal ko im ewor jonan in (40 grains) ak (2.592 grams) mottan in kein rubrub ko ie im lale bwe kein jermal ko ren komakiti jen ijo ilo juon wewen eo ejjelok jorren ewalok nan ke ak raj (*dolphins*) ko.

KAKEMEMIJ:

The species of protected marine mammals are:

- the offshore spotted dolphin;
- the coastal spotted dolphin;
- the eastern spinner dolphin;
- the white-belly spinner dolphin;
- the Costa Rican spinner dolphin;
- the common dolphin;
- the striped dolphin; and
- any other species of small toothed cetaceans, captured in the course of commercial fishing operations in the eastern tropical Pacific Ocean - Marine Mammals Protection Act 1990 §203.

DRI ENWOD RO (TUNA FISHERS) REJ AIKUJ JAB

- ✗ Jabuk ak lelontak men in mour ko jet ilo lojet (*mammals*) eo.
- ✗ Make tuna sets associated with marine mammals involving pure schools of eastern spinner dolphin, coastal spotted dolphin, and on any other pure schools of marine mammals except offshore spotted dolphin, striped dolphin, and common dolphin.

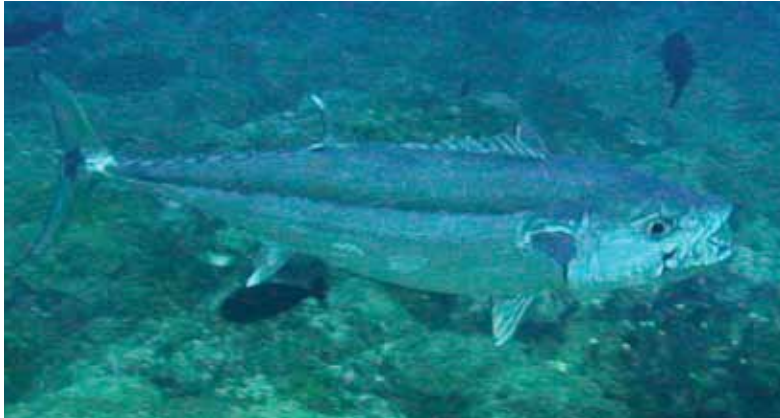
Kaje (Penalty):

- Naaj bakin im kolla ejab laplok jen (\$1,000,000) nan kajojo jorren ko. Kajojo ian raan ko jorren kein rej bok jikier naaj kejenoloke im na-ruon kake (offense); im
- Naaj juon bakin nan license ak melim in enwod eo (for fish tuna) ilo jikin ko itu-rear (eastern tropical) in Pacific Ocean.

7.3 MELAN KO REBED ILO JERBAL IN KEJBAROK (CONSERVATION ZONES)

Tuna

Ilo RMI melan ko rebed ilo kejbarok (*conservation zones*) ikijeen Tuna im Game-Fish emoj ejaki im ekitbuj melan ko jet iloa, bwe ewor jonan jonak ko emoj ejaki nan lori im kejberbali, Kwajalein im Majuro Atoll juon line emoj kalikare 50 nautical mile meto-lok jen base line eo emoj karoke. Ewor karok im mo ko realikar emoj kelaajraki rejelet melan kein (zone).



Tuna fishery ilo Marshall Islands ej itok iumin jilu (3) kain ek ellap ko (*tuna species*):

Lejabwil (*Skipjack tuna*)

Bwebwe ko ruo (*Yellow fin im Big eye tuna*)

DRI ENWOD RO (TUNA FISHERS) REJ AIKUJ IN

- ✓ Bok aer melim in enwod kin waan enwod eo ilo melan jikin ko rebed ilo kejbarok (Tuna and Game-Fish Conservation Zone). Melim in ejab nan an waan enwod eo bok kunan ilo makitkit in ikkure in enwod ko.

DRI ENWOD RO (TUNA FISHERS) REJ AIKUJ JAB

- ✗ Enwod ilo melan jikin ikkure in enwod (*Tuna and Game-Fish Conservation Zone*) eo ilo an ejjelok melim.

Kaje (Penalty): Naaj na-ruon im kabwod e kin juon jorren eo elap (*criminal penalty*).

Bako ko (Sharks)



Ilo October 2011, ekkar nan *Fisheries Act 1997*, Ro-Tellokier (*Authority*) emoj aer kean ikijeem Melan Lojet in Enwod eo (*Fishery Waters*) bwe ej ijo jikin kone ak likebijnak (*sanctuary*) an bako ko. Wewen in elap an aurok einwot an scientist ro watwat e lok bwe oran bako ko ion bedbed im itorerein baal ko (*reef sharks*) ilo woden bwil kein (*Pacific*) emoj an wotlok 90 lok nan 97 per cent jen mokta itok jen tar jen jonan enwodi im boki nan lal ko ilikin (*export*), un eo elaptata kin ul eo (*fins*).

KAKEMEMIJ:

Jabdewot bako ak enbwinin bako naaj loe ion waan enwod ko naaj likiti im na-ruan kake bwe emoj an rube kakien ko an RMI, mae ien naaj kwalok im kalikar melim ak license eo.

KWOJ AIKUJ JAB (YOU MUST NOT)

- ✗ Bok kunam ilo jermal in enwod bako jabdewot jikin ko ilo RMI.
- ✗ Enwode, jibwe ak kajeon bok kunam ilo jermal in enwod bako ak jabdewot wewen ko ak kajeon boke ul ak lokon (*fins or tails*) jabdewot bako ak wewen ko jet im renaj kakkure ak kemetak bako ko ilo jabdewot jikin ibelakin RMI.
- ✗ Jibwe, boke, wia kake, komakit lok, ak likit ion wa ak leto-letak jabdewot bako, ul ak jabdewot mottan ko ilo enbwinin bako.
- ✗ Kejermal ak likit wire in kakolkol (*wire trace*) ko ibben jabdewot bako.

Kaje (Penalty):

- Bakin im kolla ejab driklok jen (\$25,000) im jab laplok jen (\$200,000); im
- Naaj bakin kin ejja drettan wonen eo wia kake ul in bako ilo jikin market ibelakin lalin ak ijo wia kake ie.

KWOJ AIKUJ IN (YOU MUST)

- ✓ Bok am melin ak license jen Marshall Islands Marine Resources bwe kwon maron kommani ekatak ak jermal ko jet ikijeen bako.
- ✓ Loor aolep karok ko iloan melim ak license eo.
- ✓ Ilo ien eo emokajtata ketlok jabdewot bako emoj an bo ak kojek (*caught*) mene mour ak mij.

7.4 QUARANTINE

Belaak eo ilo RMI ebido an men in mour ko jet (*foreign species*) jen ilikin dreton tok ie.5 Wanjonak kin men in mour ko ruo im emoj aer dreton tok im ajeded im ekka ad loi jikin otemijij (*tangan-tangan im whitefly*) eo. *Animal and Plant Inspection Act 1966* ej kalikar jermal in etale ko nan bobrae an dreton tok im ajeded men in mour ko im renaj boktok kautata im naninmij.

KWOJ AIKUJ IN (YOU MUST)

- ✓ Kalikar nan dri etale ro (*inspectors*) jabdewot kain men in mour im men in eddok ekoba ine ko, leen wijki ko, vegetable ko, okar ak raan wijki ko, im men ko eirlok-wot, im rej dreton tok ak bokto-boktak ibelakin RMI. Remaron boki ak drebij aer dreton tok ilo RMI elane ar wor melele bwe, ak ewor mottan melele ko bwe, ewor kautata in naninmij ko ie ak rekijkij.
- ✓ Kalikar jabdewot pepa ko (*manifests*) ikijeen aer dreton tok kaki ilo RMI ion baluun ak ion wa ko ion dren nan dri etale ro jen quarantine ekane renaj kajitikin kaki.

KWOJ AIKUJ JAB (YOU MUST NOT)

- ✗ Kejekdron ak makoko in ketlok bwe ren kommane jermal in etale nan jabdewot mweiuk rej dreton tok ilo RMI.

Kaje (Penalty): na-ruon kin rube kakien ko (Misdemeanor).

APPENDIX 1: PROTECTED SPECIES IN THE RMI

PORIFERA (Sponges)

Scientific name: *Porifera*
Common name: All sponges
Range or habitat: marine
Reasons for protection: commercial
Also endangered by other agencies: ?

MOLUSCA

Gastropoda

Scientific name: *Trochus niloticus* (syn. *Trochus maximus*)
Common name: Commercial top shell
Range or habitat: marine
Reasons for protection: commercial, closed season
Also endangered by other agencies: ?

Bivalvia

Scientific name: *Pictada margaritifera*
Common name: Black-lip pearl oyster
Range or habitat: marine
Reasons for protection: commercial, closed season
Also endangered by other agencies: ?

REPTILIA

Scientific name: *Eretmochelys imbricata*
Common name: Hawksbill turtle
Range or habitat: marine, northern atolls
Reasons for protection: RMI endangered species
Also endangered by other agencies: IUCN, US

Scientific name: *Dermochelys coriacea*
Common name: Leatherback turtle
Range or habitat: marine, vagrant
Reasons for protection: RMI endangered species
Also endangered by other agencies: IUCN, US

Scientific name: *Chelonia mydas*
Common name: Green sea turtle
Range or habitat: marine, nests on northern atolls
Reasons for protection: no commercial activities
Also endangered by other agencies: IUCN, US

Scientific name: *Caretta caretta*
Common name: Loggerhead turtle
Range or habitat: marine, vagrant
Reasons for protection: no commercial activities
Also endangered by other agencies: IUCN, US

Scientific name: *Lepidochelys olivacea*
Common name: Pacific Ridley turtle
Range or habitat: marine, vagrant
Reasons for protection: no commercial activities
Also endangered by other agencies: IUCN, US

AVES (BIRDS)

Scientific name: *Ducula oceanica ratakensis*
Common name: Ratak Micronesian Pigeon
Range or habitat: Amo, Miliextirpated on Maloelap, Wotje, Majuro
Reasons for protection: RMI endangered species
Also endangered by other agencies: US

MAMMALIA (MAMMALS)

Cetacea (whales, dolphins and porpoises)

Scientific name: *Stenella attenuata attenuata*
Common name: Offshore spotted dolphin
Range or habitat: marine, transient?
Reasons for protection: *Marine Mammal Protection Act 1990*, protection in the course of commercial fishing
Also endangered by other agencies: C.I.T.E.S., IUCN

Scientific name: *Stenella attenuata graffmani*
Common name: Coastal spotted dolphin
Range or habitat: marine, transient?
Reasons for protection: *Marine Mammal Protection Act 1990*, protection in the course of commercial fishing
Also endangered by other agencies: C.I.T.E.S., IUCN

Scientific name: *Stenella longirostris orientalis*
Common name: Eastern spinner dolphin
Range or habitat: marine, transient?
Reasons for protection: *Marine Mammal Protection Act 1990*, protection in the course of commercial fishing
Also endangered by other agencies: C.I.T.E.S., IUCN

Scientific name: *Stenella longirostris longirostris*
Common name: Whitebelly spinner dolphin
Range or habitat: marine, transient?
Reasons for protection: *Marine Mammal Protection Act 1990*, protection in the course of

commercial fishing

Also endangered by other agencies: C.I.T.E.S., IUCN

Scientific name: *Stenella longirostris centroamericana*

Common name: Costa Rica spinner dolphin

Range or habitat: marine, transient?

Reasons for protection: *Marine Mammal Protection Act 1990*, protection in the course of commercial fishing

Also endangered by other agencies: C.I.T.E.S., IUCN

Scientific name: *Delphinus delphis*

Common name: Common dolphin

Range or habitat: marine, transient?

Reasons for protection: *Marine Mammal Protection Act 1990*, protection in the course of commercial fishing

Also endangered by other agencies: C.I.T.E.S., IUCN

Scientific name: *Stenella coeruleoalba*

Common name: Striped dolphin

Range or habitat: marine, transient?

Reasons for protection: *Marine Mammal Protection Act 1990*, protection in the course of commercial fishing

Also endangered by other agencies: C.I.T.E.S., IUCN

Scientific name: *Cetacea spp.*

Common name: All other species of small toothed cetaceans-

Range or habitat: marine, transient?

Reasons for protection: *Marine Mammal Protection Act 1990*, protection in the course of commercial fishing

Also endangered by other agencies: C.I.T.E.S., IUCN

Scientific name: *Balaenoptera musculus*

Common name: Blue whale

Range or habitat: marine

Reasons for protection: RMI endangered species

Also endangered by other agencies: C.I.T.E.S., IUCN, US

Scientific name: *Physeter catodon*

Common name: Sperm whale

Range or habitat: marine

Reasons for protection: RMI endangered species

Also endangered by other agencies: C.I.T.E.S., IUCN, US

REFERENCES

National Biodiversity Team of the RMI, 2000. The Marshall Islands - Living Atolls Amidst the Living Sea/ The National Biodiversity Report of the Republic of the Marshall Islands. © RMI Biodiversity Project. ISBN 982-9045-02-1, St. Hildegard Publishing Company, Santa Clarita, CA, USA.

APPENDIX 2 – SOME GOOD PRACTICES FOR LOCAL MANAGEMENT

WASTE

- ✓ Kadriklok, ukoti im bar kejerbali kobij ko
- ✓ Karreoiki im bar kejerbali plastic container ko
- ✗ Jab ejouij ak kalonlok jobjij ilo melan eo am
- ✓ Likit kobij ko am iloan nien jobjij ko im kottar an itok waan ebbok kobij eo
- ✓ Kili im kwokone mejen nien jobjij ko
- ✓ Kobalok ak jiban ejake juon ien karreo-

SANITATION

- ✓ Aolep ien kejerbal em jiddik ko
- ✓ Karroaik imon kebbojak eo aolep lokin week otemjij
- ✓ Etale dren eo iloan septic tank eo am aolep ien
- ✓ Bukot juon ien nan karreoik loan septic tank eo
- ✓ Kili im kwokone mejen jikin kobij eo (*septic tank*)
- ✗ Jab ejjlok ak jobjij kubeen pig ak kobij men in mour ko jet ilik im iaar.
- ✓ Kejerbal imon kebbojak ko rejjab kejerbal dren, rerreo im rejjab aikuj dren im eman nan jikin kallip ko
- ✓ Rejan lok kien eo am nan ejaki em-jiddik ko im jiban lok jikin kallip ko

DREN EO ERREO

- ✓ Aolep ien mokta jen am idak, nemak im keteet-bwin dren eo, im lale elane erre
- ✓ Aolep ien boil dren elane kwojjab jela elane dren eo erre
- ✓ Karreoiki nien-dren eo iumin tortor eo
- ✗ Jab ikkure bajjok kin dren
- ✓ Likit aolep nien dren ak bato in dren ko ilo juon jikin eo ejaad em-mololo

WONMANLOK KO (DEVELOPMENT)

- ✓ Aolep ien karreoiki melan mweo imom
- ✗ Jab kotlok bwe kobij ko ren toor-lok nan dren eo iaar
- ✓ Kaleke ak kajutake mweo imon en jaad ettolok jen mweo juon
- ✓ Kajjitok lok ibben local government council eo ekijkan bwe mweo imom kwoj kaleke en jejjet im en ejjelok jorren enaj jelete
- ✓ Kejbal material ko ejjelok paijin ie
- ✓ Aolep ien komman ak kajutak em-jiddik ko

KEJBAROK ERREO EO AN DREN EO ILOJET

- ✗ Jab ejjolok jabdewot men ilik im iaar
- ✓ Rejan lok ro jeram, baamle eo im ro mottam bwe ren kommane ejja wewen in wot.
- ✓ Elane kwonaj loe juon eo ej komman jorren nan dren eo ilik im iaar, kejelaik lok rmi epa ien eo emokaj tata.
- ✓ Etale erre eo an dren eo ej jebole barijet eo iturum.
- ✓ Komman bwe en wor itoklimo ibben ro jet ilo aer kea kin erre eo an dren eo ilojet.

ENWOD (FISHING)

- ✓ Enwod bokan wot mona- kajeon jab tar jen jonan
- ✓ Bok bunten ko nan kejbarok ek ko ibarijet... etale ekijkan an jerbal im an kejbarok erre eo an barijet ko.
- ✓ Kejeleik lok ro-tellokier elane ewor am enjake bwe elon makitkit ko rejumae kakien ko ikijeen ek mour ak men in mour ko jet ejeja

KOBA IN MEN EO EJ JURAKE MOUR (BIODIVERSITY)

- ✓ Kejbarok aolep men in mour im eddok ilo belaak eo
- ✓ Bok melele kin men in mour ko ejeja lok ibelakin aelon kein
- ✓ Katok men in eddok ko makmake jen aelon kein itorerein ene ko- im jab wijki (*pine tree*) eo.
- ✓ Bok melele kin un ko jen etto komman jen men in eddok makmake ibalakin aelon kein.
- ✗ Jab kadrelon tok ilo rmi men in eddok ko jen lal ko ilikin, ine ak mona ko jet ak boktok-boktak im kajeded ibelakin aelon ko ilo rmi.

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sustaining our livelihoods and natural
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