

ABSTRACT

Designation:	Revised Draft Environmental Impact Statement EISX-007-17-XMC-1747255459
Title of Proposed Action:	Commonwealth of the Northern Mariana Islands Joint Military Training
Lead Agency for the EIS:	United States Marine Corps
Cooperating Agencies:	U.S. Department of the Interior, Office of Insular Affairs U.S. Fish and Wildlife Service Federal Aviation Administration U.S. Environmental Protection Agency National Marine Fisheries Service
Affected Jurisdiction:	Commonwealth of the Northern Mariana Islands

United States (U.S.) Marine Corps (USMC) eferi Revised Draft Environmental Impact Statement (EIS) bwele amawalawal mawalawal amwalili land-based training ka reyayali me' evolving joint expeditionary warfare tactics, meloll distributed operations wool Tinian loll Commonwealth of the Northern Mariana Islands. Distributed operations training elegh lughuu wal wool detachment ghikikit, wool falieu, le se't wool ngre loll yaang , wailang me' cyber le ferri stealthy, coordinated, me' independent actions igha eghuus schagh are ferri me' igha e Tam mauw sowbol ferri yer wool falieu. Proposed Action alilisirr forward-deployed components uuir U.S. Indo-Pacific Command, USMC, Navy, Air Force, Army, Special Operations Command, me' Space Command, mw' U.S. allies me' partners.

Bwele alilissal proposed training, ngere e uu yew felle training infinfractu ebwe yor leliyer physical me' virtual training, ebwe yor ruwow live-fire ranges, ruwow surface radar towers, aghatchuu me' ferri aghatchil North Field, aghatchiew Landing Zones, expeditionary Base Camp iighiwe elomo U.S. Agency for Global Media, and biosecurity. Communications system alilissir malawerr me' training rebwe ayora ren yarr yelli safalii communications towers ka Tinian me'bwal Seipel, schuu me' portable sensors me' emitters loll Military Lease Area. Bwele safety iirr training unit me' towlap atol yey yor training, on-island Training Area me' Range Operations Command (Range Control) ebwe fatt le schedule lill training, angang fegnen me' local officials me' towlap. Ruwow training Alternatives me' yew No Action Alternative wool Tinian re' analyzed lill loll Revised Draft EIS yey. Fale No Action Alternative, Land-based training loll tepewe amuch yar analyzed loll mesamwaal National Environmental Policy Act docomentol Tinian ese uugh (sullngeni 2010 *Mariana Islands Range Complex Final EIS/Overseas EIS* [OEIS], 2015 *Mariana Islands Training and Testing EIS/OEIS*, me' associated consultations me' authorizations). Proposed training ewey existing training ngre ussuul ngre type. Alternative 1 me' Alternative 2 ebwe repesental alongal liwelil langlaal angugnul loll ing training ka re yeyelil.

Resources ka analyzed loll Revised Draft EIS etulong yar tolong towow towlap; yeyal falieu me' uurr; socioeconomics; biological resources; cultural resources; visual resources; transportation; achuurong; ghatchuul yaang; malawerr me' ghatchuur towlap; utilities; topography, geology me' pwelle; groundwater and hydrology; and surface water and wetlands.

PUBLIC COMMENTS (MWAALIYER TOWLAP)

Mwaalier towlap wool Revised Draft EIS emwaan ebwe isseis long electronically:

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EXECUTIVE SUMMARY

ES.1 Introduction

Wool April 6, 2015 Depatamentol Navy (DON) E' Atowowwa yey Aroronrong bwele atak aschuul mesamwaan kapasan mwaliyan (Draft) Commonwealth of the Northern Mariana Islands (CNMI) Joint Military Training (CJMT) Environmental Impact Statement (EIS)/Overseas EIS (OEIS). Fitiew lieu mwaleyerr towlap rerecibii wool Draft EIS/OEIS reabwarri leapasa lefiyerr ren maghutughutul me' towowuul paringiyal tel maghutul Proposed action. Wool February 18, 2016, Buulieuul lefiyer kewe reapasa abawarri wool 2015 Draft EIS/OEIS, United States (U.S.) Marine Corps (USMC) annunciyay letiperr were bwe aiti yey Revised Draft EIS malal proposed training wool Tinian.

Bweletel loll 2016, me' sengi arr tingar CNMI, U.S. me' gobonamentol CNMI pomolil fitow lieu virtual me' in-person le' apasa, awewe tabwey ffiti Section 902 ren *Covenant to Establish a Commonwealth of the Northern Mariana Islands in Political Union with the United States of America*, approved loll 1976. Titilapal awewe kal etulong bwal leliefiyer ren USMC expansive training proposal. Loll agnugnul global COVID-19 pandemic, parties repomoli schuu ghit virtual meetings. USMC ebweluu safali titlap me' CNMI government wool CJMT, pomolier fan ruwow virtual me' fale fissuu in-person meetings lepatan January 2020 me' September 2024 le' titilap, apasa, awewe ren ngere wool liwele loll Proposed Action me' Revised Draft EIS. USMC ebwal amweschiew schuulapar towlap le bweybwogh aghule loll August 2023 torii raanin yey revised training proposal ngenir towlap.

Loll yar feferri aghatchu mamawaan Revised Draft EIS, USMC e' ameri fischi liwel loll yal ghati potch U.S. Armed Forces bwele rebwe tepengi parengi future conflicts me' afelighatchu le consideral mwaliyer lefier towlap ke we essisielong fale 2015 Draft EIS/OEIS me' sengi yar schuu angang awewe me' gubenamentol CNMI loll ferri an le' ayora yar aschuschu le' titilap awewe. Proposed Action ye ighila e'liloo training wool Pagan, merey leloo High Hazard Impact Area sengi Tinian, me' aghitighita tieuw live-fire me' maneuver ranges sengi 14 ngeni 2. Bwal yew, re se uuloo yar ghuta fischi le estudiiali loo mwaal technical me' consultations re pomolil bwe re bwe mataf rel impact analysis, tulong natural resources, cultural resources, me' utilities.

U.S. Indo-Pacific Command ii action proponent ren Proposed Action gnaiti bwe U.S. Marine Corps Forces, Pacific ebwe Executive Agent amwerrii lapa arre ferri amamawa aschuul ii Revised Draft EIS yel. Revised Draft EIS loll yar keferri re tabwey National Environmental Policy Act (NEPA) ill 1969, tabwey amendal (42 U.S. Code [U.S.C.] sections 4321-4374); ii DON NEPA regulations (32 Code of Federal Regulations Part 775); me/ Marine Corps Order 5090.2, *Environmental Compliance and Protection Program*.

ES.2 Purpose and Need for the Proposed Action

Buliel yal angang Porposed Action nge ebwe aghittighita mete mwaschmwaschan me' sorren joint training yar U.S. Armed Forces loll Indo-Pacific area of operation. Ferrin me' yar le ghite potch loll wewel mileletal me' alongal peyraghil alilis ill training wool Tinian, Tomoghol igha rebwe schuu joint me' allied forces training me' readily available bwe rel scheduling, nge rebwe tawe forward-deployed U.S. Armed Forces bwe rebwe parengi evolving operational training

requirements me' alisi U.S. training rere allied nations, liwel loll U.S. force structure, me' geographic repositioning ill forces.

Proposed Action elo bwe amwaiiul Armed Forces letorri arre aschey me' aschey ghula tabwwey tipalapa loll Title 10 bwe rebwe trained me' equipped le afeli U.S. national security loll yare angafil to effectively prosecute parengiil gherra me' afeli, amerii aghatchul nation (e.g., 10 U.S.C. sections 167, 7013, 7062, 8013, 8062, 8063, 9013, 9062). U.S. forward-deployed Armed Forces loll Indo-Pacific region re need training areas me' supportive training infrastructure igha rebwe awrru evolving tactics, training, me' procedures ka bwe alisirr le' atawa ngere aiuu loll adversary aggression. Bwele yor Military Lease Area bwe rebwe pomoli joint sustainment training events illa nge rebwe ready forces loll yarre ghiti potch le' parengi gnow yale bwe torri angua national security.

ES.3 Proposed Action and Alternatives

Proposed Action nge rebwe pomoli joint military distributed operations training loll Military Lease Area wool Tinian ibwele alilisil ongoing me' evolving expeditionary requirements rerre U.S. Armed Forces forward-deployed ngeni Western Pacific me' U.S. allies me' yar partners. Proposed distributed operations training me' support infrastructure ila ebwe gnaney mamawaan aangachuul modern technology leferi milie wewel aletal malaw aschuul me' virtual me' physical training environment wool Tinian loll Military Lease Area loll yarr yelai combination ill sensors, emitters, me' communications. Soghuul training ka re bwe pomoli loll Revised Draft EIS ewewe me' tepel training events ka reyeyeli ighila wool Tinian.

Resources ka re analyzed lill loll Revised Draft EIS yel etolong public access; land use yeyal falieu me' leliyel uurr; socioeconomics; biological resources; cultural resources; visual resources; transportation; achuurong; ghatchuul yaang; malawerr me' ghatchuur towlap; utilities; topography, geology me' pwelle; groundwater and hydrology; and surface water and wetlands.

ES.3.1 No Action Alternative

Fale No Action Alternative, military training wool Tinian ebwe ischagh ngungul me' nguul mamawaan me' alongal akew mwaghuteghut loll CNMI ikewe independently evaluated loll akew NEPA documents fengen me' arre Records ill Decision, me' associated consultations me' authorizations ebwe loll me' implemented. Ren kewe independent actions tulong land-based training activities loll 2010 *Mariana Islands Range Complex EIS/OEIS*, iwe updated loll 2015 ren *Mariana Islands Training and Testing EIS/OEIS*, fengen me' 2016 *Divert Activities and Exercises Final EIS* me' 2020 *Tinian Divert Infrastructure Improvements Supplemental EIS* (DON 2010a, 2010b, 2015a, 2015b; U.S. Air Force 2016a, 2016b, 2020, 2022). Fale No Action Alternative, yew Live-Virtual-Constructive environment ebwe ferr.

No Action Alternative esowb torri bulieul ngere tepeliyal Propose Action. Inamo nge, NEPA documents akulle arurul me' kapasan tele maghutughutul No Action Alternative. No Action Alternative elo bwele ayoral peschen ren arre aruru apasa tel maghutughutul action alternatives.

ES.3.2 Alternative 1

Loll tutadol, training tempo fale Alternative 1 angunguul ebwe torri atol 15 percent igha land-base training repopomoli ye ighila wool Tinian igha eaititi loll No Action Alternative. USMC ebwe bwal akauu me' operate lill felle training infrastructure me' bwal ruwow live-fire ranges (Multi-

Purpose Maneuver Range, Explosives Training Range), Landing Zones, aghasaghasa lepetal runways Able me' Charlie bwele re yali bwe Drop Zone, Bwaluu plasal skoki ngeni mile re aita AM2 matting, yew expeditionary Base Camp, yew immwaal aircraft me' waa, leliyel akamuschi ammunition, radar towers, immwaal bio-security me' protocols, aghatchu amalawa yeli communication towers ka elo ighiwe U.S. Agency for Global Media (USAGM) elomo ye wool Tinian me' Seipel (Figure ES-1). On-island Training Area me' Range Operations Command (Range Control) rebwe ayora. Range Control ebwe schedule lill training me' angang fengen me' local officials me' towap.

ES.3.3 Alternative 2

Alternative 2 gne tute alongal schelle authorized training ka elo fale No Action Alternative me' infrastructure ka reaitil loll Alternative 1. Inamo nge, Nguul ngunguul fale Alternative 2 ebwe atol 5 percent sengi baseline (No Action Alternative) land-based training reaiti le popomoli wool Tinian. Meta esewewe lepetal Alternative 1 me' Alternative 2 nge nguul ngunguul.

ES.4 Summary of Environmental Effects

Loll yar aruru, apasa uurri meta ka emwaan towowul schughuwal le'pomoli Proposed Action lefalieu ubwe chungu loll Chapter 4 loll Revised Draft EIS yel. Summary meta ka emwaan towowul schughuwal wool Tinian re presentai loll Table ES-1. Esowb yor training nger construction rebwe pomoli igha USAGM Seipel olo iye me' proposed activites ebwe ischagh me' tepe ye re yeli ighila. Nge ila Seipel esowb suugh.

ES.5 Cumulative Impacts

Cumulative impacts ngere tele mwaghute'ghutill aalaangal me' angunguul Suuwalool rearuru, apasa ngere worriyeyer e'aghikil loll Chapter 4, section 4.15. Cumulative impacts ebwal tulong impact ill project yey, e'schuu me' meta worriyerr ye' mwai loll yar maghutughut mwete' loo mwaan. Aggregate impact ngere aschuul Cumulative reaschuul bwe yew ululul suughuwal loll raagh kewe amweteloo, loll raan key, me' meta ka effisch towowuul worri yer ren future actions fale Alternative 1 ngere Alternative 2 alililil ren me' asughal atamoghal cumulative impact, nge sughuwal ese bwal ghi tomogh asaghuruul.

ES.6 Interagency Coordination

USMC afasuun atuterr akkew agencies ill federad me' gubenamentol me' agencies ill CNMI, me' local organizations bwe yew peghill loll feferuun NEPA gneni Revised Draft EIS (awru Section 1.5 uubwe ghi amtaf). Ikkey federal agencies ka re tipa tabwey angang fengen bwele ii Revised Draft EIS:

- U.S. Department of the Interior, Office of Insular Affairs
- U.S. Fish and Wildlife Service
- Federal Aviation Administration
- U.S. Environmental Protection Agency
- National Marine Fisheries Service



Figure ES-1 Proposed Action Elements

aghatchuul titilap me' awewe fengen me' school regulatory ebwe takk me' relevant information rebwe aiti loll EIS igha etingarr bwe efisch. Esowb amwey nge fituwlieu agency rebwe le bulieu arre titilap awewe me' towowuul immu ebwe updated lool fibal EIS. Loll yar Agency tilap awewe etulong:

- Endangered Species Act Section 7: U.S. Fish and Wildlife bwal National Marine Fisheries Service
- Magnuson-Stevens Fishery Conservation and Management Act: National Marine Fisheries Service
- National Historic Preservation Action Section 106: CNMI Historic Preservation Officer, Advisory Council on Historic Preservation, National Park Service, bwal Office of the Mayor of Tinian
- Coastal Zone Management Act: CNMI Bureau of Environmental and Coastal Quality

ES.7 Public Involvement

Aghule bwele alo me' amwaan/Aghule ngenir Towlap ren yar le' Schulap ren Revised Draft EIS yey re ishii bwele arrehh loll Federal Register, local newspapers, me' wool project website on June 6, 2025. Aghule yey e abwari iyagha docomentol revise draft yey emwaan areghil, me' 75 raan ghopasa areghil me' titilap me' auuleo me' tepel eysisslong ngere aititilongol kapas fe. Wool Seipel me' Tinian, ebwe bwelete Atol 5 p.m. Chamorro Standard Time, Schuur lapper Towlap le' titilapa, apasa le mataf. Wool Luta, ebwe bwelete atol 3 p.m. Chamorro Standard Time:

- Tinian: Lunis June 23, 2025, me' Mwatis June 24, 2025, Tinian Junior/Senior High School Cafeteria, Canal Street, San Jose
- Seipel: Metkolis June 25, 2025, me' Weipis June 26, 2025, Crowne Plaza (Hibiscus Hall), Coral Tree Avenue, Garapan
- Luta: Betnis June 27, 2025, Rota Mayor's Office

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Table ES-1 Summary of Environmental Impacts from Training and Construction on Tinian

<i>Section and Resource</i>	<i>No Action Alternative</i>	<i>Alternative 1</i>	<i>Alternative 2</i>
4.1 Towlap arre Tolong/Towow	Esorr Liewel	Esebwal ghitumogh ngere bwaa sughuwal meren controlled access me' surface danger zone restrictions loll atol ye yor training events. Military Lease Area etititieu loll waluu leliyel training illa nge retawe affilli titilool esowb me epeigh igha re popomoli training nge esowb emwan towlap tolong/towow uur. To-longuur/Towowuur towlap ebwang bwe le yarr angang awewe fengen me'com-munidad long rer Range Control inaebwe mwaai ngeni CNMI le' nganerr gnere lighiti arr tolong/towo towlap le' uurr ngere pomoli special festival lol atol raan ka emwai towlap resowb fiyengau.	Ischagh Sughuwal me' tepekewe eaitit ren Alternative 1 meren training, yare ghutupotch le' angang me' aghatchuul Military Lease Area Range Complex rer Range Control, me' atol ye yor construc-tion nge eschuu me' amwaitiewel nguul ngungu training ngere sibwe awewe me' Alternative 1.
4.2 Yeyel Falieu me' Urr	Esor Liwel	<u>Land Use</u> Esor sughuuwal sengi training wool//loll Military Lease Area igha esor falieu yeye liwel ebwe bwele. Training events me' operation bwal maintenance ill Military Lease Area Range Complex rer Range Control nge bwe compatible and consistent fengen me' existing land use plans, policies, and agreements. Esebwal ghitumogh ngere bwaa sughuwal meren construction loll Military Leased Area, nge bwe compatible bwal consistent fengen me' existing land use plans, me' policies, ak-kauul immwal/ lilieyel biosecurity sowbwol Port of Tinian me' immwal aircraft sowbwol TNI nge awetweti ferrin fischmwai agreement me' Commonwealth Port <u>Recreation</u> Esebwal ghitumogh ngere bwaa sughuwal meren controlled access me' surface danger zone restrictions atol ye yor training. Tolong/Towow bwele' ren uurr eb-wang bwe le yarr angang awewe fengen loll ayoral ii on-island Range Control me' dibidi ghit training areas. Esebwal ghitumogh ngere bwaa sughuwal meren inter-mittent ngere tempurario arre aakaiuu.	<u>Land Use and Recreation</u> Ischagh Sughuwal me' tepekewe eaitit ren Alternative 1 meren training, yare ghutupotch le' angang me' aghatchuul Military Lease Area Range Complex rer Range Control, me' atol ye yor construc-tion nge eschuu me' amwaitiewel nguul ngungu training ngere sibwe awewe me' Alternative 1.
4.3 Socioeco-nomic	Esor Liwel	<u>Population, Economic Activity, and Public Services</u> Tempororio pomol surface danger zone loll se'til sobwol afeng ill Tinian atol arr pomoli live-fire training loll Multi-Purpose Maneuver Range emwaan ebwe sughuu susubwul iigh me' asereghil waa, igha rebwe sartawla aserghiir atol pomol surface danger zone. Rebwe ayora eghuus beneficio ren economic me' employ-ment meren training, operation me' aghatchul alignal amwalal Military Lease Area Range Complex rer Range Control, me' construction. Alongal akkeuw socioeco-nomic resughu meren training, operation me' maintenance alilisil infrastructure loll Military Lease Area Range Complex rer Range Control, me' atol eyor con-struction nge ese bwal ghii bwaa fele Alternative 1.	<u>Population, Economic Activity, and Pub-lic Services</u> Ischagh Sughuwal me' tepekewe eaitit ren Alternative 1 meren training, yare ghutupotch le' angang me' aghatchuul Military Lease Area Range Complex rer Range Control, me' atol ye yor construc-tion nge eschuu me' amwaitiewel nguul ngungu training ngere sibwe awewe me' Alternative 1.

Section and Resource	No Action Alternative	Alternative 1	Alternative 2
4.4 Biological Resources	Esor Liwel	<u>Vegetation</u> Esebwal ghitumogh ngere bwaa sughuwal meren construction-phase aghassa-ghasal 343 acres soghuul walle te'l saabb walle te'l faley amwirr alingal me' aghatchuul (lommowa/bushcutter), esowb yor sughuwal wool walle te' ka ekeiyil maa, enganey falieu me' arramass malawerr me' wool Tinian schagh emalauw iye.: limestone coastal scrub, limestone native forest, and wetland. Titilapal meng-menirr le' ghut potch le' aghassaghassa 19 acres ill tel shepell wall me' loll Natural Resources Conservation Area ebwe tabwey consultation me' U.S. Fish and Wildlife Service. Towowuul mwirin arre aghassaghass meta re ditermenli ebwe is-sise long loll Final EIS. Biosecurity protocols rebwe tabwey bwele aghikital yale ebwe te' malauw non-native vegetation atol yey yor training me' construction. Wildland Fire Management Plan ebwe aitiirr alfalar bwele prevention me' suppression pwulleteel anget mern yarr fire sengi <u>Wildlife and Listed Species</u> Inamo eghus me' eghus me' e moschomosch, nguul ngungongol ngere achurong meren aviation me' live-fire training ebwe yor meta ebwe suwaaloo me' suughuwal ngenir paischey. Sengirr paischey, Proposed Action fale Alternative 1 rewerrii towowuul bwe esebwal ghitumogh ngere bwaa sughuuwaal woor akeschey federally listed species, CNMI-listed species, me' migratory birds, me' bwal ake schey wildlife meren habitat loss; physical disturbance meren construction, training, noise, me' radio frequency radiation; direct strikes meren construction equipment me' military vehicles me; aircraft; sughuwal churong meren training; me' churong fit me' ngere arramas re lo' bwele construction. Endangered Species Act Section 7 determinations schewel pending awetweti muchelol consultation fengen me' U.S. Fish and Wildlife Service. Final EIS imwu ebwe updated ren effects determinations me' tepel mitigation measures mucheloll <u>Marine Communities</u> Esebwal ghitumogh ngere bwaa sughuwal ngenir marine special-status species me' esor sughuwal ngeni marine protected areas ren no in-water training or construction activities; esoorr wewel loll iye projectiles esuusengi eletal targets wool ranges ngeiwe suulong loll ngere mweschengey se't; bwal soghul ale'schle'sch meren explosive detonations mamawaan e' reflect sengi wool schaal. Aghatchul amalawer leliyer iigh me' Endangered Species Act consultations eschuwel pending. Loll Final EIS ebwe lo consultation effects determinations.	<u>Vegetation</u> Wewe sughuwal me'sugh atiti fale Alternative 1. <u>Wildlife and Listed Species; Marine Communities</u> Ischagh Sughuwal me' tepekewe eaitit ren Alternative 1 meren training, yare ghutupotch le' angang me' aghatchuul Military Lease Area Range Complex rer Range Control, me' atol ye yor construction nge eschuu me' amwaitiewel nguul ngungu training ngere sibwe aweve me' Alternative 1.

<i>Section and Resource</i>	<i>No Action Alternative</i>	<i>Alternative 1</i>	<i>Alternative 2</i>
4.5 Cultural Resources	Esor Liwel	Non-live-fire me' live-fire training, operation me' maintenance activities, me' construction re woorier emwaan towowuul sughuwer nge esebwal ghitumogh ngere bwaa sughuwal wool cultural resources. Titilil Military Lease Area tieuw loll walieu sowb ghit leliyel training ngeila rebwe tawe afelii titilool esowb, illa nge rebwal tawe le' training loll esowb iwe esowb esusu bwele towlap rebwe bwang tolong/towow bwele yelaghil cultural resources loll atol ye emwai. Section 106 consultation fale National Historic Preservation Act repopomoli resale mutch, iwe loll Final EIS ebwe updated ebwe fatti tepel mitigation measures referri loll consultation process ngere amuchelo.	Ischagh Sughuwal me' tepekewe eaitit ren Alternative 1 meren training, yare ghutupotch le' angang me' aghatchuul Military Lease Area Range Complex rer Range Control, me' atol ye yor construction nge eschuu me' amwaitiewel nguul ngungu training ngere sibwe awe we me' Alternative 1.
4.6 Visual Resources	Esor Liwel	<u>Training Activities and Support Infrastructure</u> esebwal ghitumogh ngere bwaa sughuwal wool visual resources meren land-based training activities, te'ppel ngere wewell tepka repopomolil raaninkey wool Tinian. Loll sowb igh emwaiuul apasch awerr dengki lebwong, ebwe rated bwele fischal awerr nge esse angauwa worrii lang lebwong. Proposed surface radar tower me' support infrastructure wool Ushi Point essaab atipa ngere piley worrii se't iiyemo ukkieu wool Ushi Point Fisherman's Memorial. Reanissil akkaiuu ngeni penta ka ewe me'wowoal ululu lefalieu bwele aghikital ngere sughuwal. <u>Construction</u> esebwal ghitumogh ngere bwaa sughuwal wool visual resources loll akkaiuuul training me' support infrastructure iika rebwe aiuul eghus ghula 10 ngei15 raagh. Sughuwal e' tempororio me' aghikilal construction project ka elol fetal loll Military Lease Area. School anganag loll Construction me' equipment, fencing, me' aghassaghassal emwan ebwe bwaa nganirr iyo merer towlap ye epass long loll Military Lease Area, nge bwele soghul walet e' malauw lepetal me' ssassaluul langaal wowool akauul constructed project elements ebwe atipa meren messerr towlap le' saaghurri.	Wewe sughuwal me'sugh atiti fale Alternative1.

<i>Section and Resource</i>	<i>No Action Alternative</i>	<i>Alternative 1</i>	<i>Alternative 2</i>
4.7 Transportation	Esor Liwel	Esebwal ghitumogh ngere bwaa sughuwal ren pwell schaal, me' air transportation meren asseghuul pomol training me' construction activities. Training essoob affectali commercial aircraft operations TNI ngere Saipan International Airport bwele igha radar me' spotters ressoob aighulo arurul maghutughut loll airspace atol ye yor live-fire training rebwe detect approaching aircraft. Atol ye yor worri yer aircraft, live-fire training rebwe aiuu mwaiuu loo wuti aircraft alle bwe pas-selo. Potential transportation impacts rebwe bwal ghi aghitighitatieu igha eyor on-island Range Control iye re angang titilap awewe me' CNMI wool arre towap to-long/towow loll Military Lease Area ren special festivals me'bwal akel uurr loll atol ka eyor training, me' Range Control ebwe issisewow advanced notification ngenirr towap ren soowb wolpeyghil ye temporario amaschmwaschan to-long/towow, tute titilool yaal, re' required loll Military Lease Area.	Ischagh Sughuwal me' tepekewe eaitit ren Alternative 1 meren training, yare ghutupotch le' angang me' aghatchuul Military Lease Area Range Complex rer Range Control, me' atol ye yor construction nge eschuu me' amwaitiewel nguul ngungu training ngere sibwe awewe me' Alternative 1.

<i>Section and Resource</i>	<i>No Action Alternative</i>	<i>Alternative 1</i>	<i>Alternative 2</i>
4.8 Achurong (Nguul Ngungu)	Esor Liwel	<u>Training</u> Esebwal ghitumogh ngere bwaa sughuwal woor arramas towlap achurong sengi ghuleyerr meren noise modeling bwele ren proposed ground me' aviation training activities fale Alternative 1. Range Control rebwe temporario le atipa tolongurr towowuur towlap wool faliu ka eloll lool Military Lease Area atol iye bwele aghatchuul malauweer towlap, tute bwal arre lolol me'isseliirr aramas towlap taaw sengi nguul churong meren teppel training ka angunguu churongal (e.g., aircraft take-offs me' landings, small arms firing, me' explosives detonations). Loll mengierr ren uurri yer mamawaan gnuul iime' ruwow long-term cumulative exposure me' single event noise levels, towlap iimu resowb aghila gnuul gunguu ye ebwe apaschallo seling le' bbupuraa. Ngefeitmo, felle bulbullieu bweletel ngugnu churong fale akel ngungul etorri lughul Military Lease Area atol ye re pomoli training events (e.g., Lughul imwere aramas, gako,ngere bwal commercial areas loll San Jose ngere sowb peighil eerr wool Seipel), soghuul meren live-fire training wool Multi-Purpose Maneuver Range me' Explosives Training Range bwal sengiarre waawaa alongal tepel aircraft me' North Field me' proposed Landing Zones. Churog sengi training ebwe temporario, ebwe yor eghughus me' eghus inamo ileta loll atol inamo raaghfa, me' rebwe akatefengen me' raan ka ealugh igha eyor eghuss achurong-sengi eghus arre ghiti potchor inamo esoor military training nge eyor metna sibwe ronrong. Nguul achurong sengi pomol training emwan ebwe alolomworsch, nge asowb arruschalo arre titilap ngere ruemen, esse tori auulol akabwuung loll gako, ngere ferey ghunam. Suughuwal emwan ebwe fituliew mwemwetelamwan bulieul tip wool environmental factors (i.e., fale iye liwel loll mwaghutil yeng, eyor raan kewe sise bwupwurra ngungul,maste lessorr wool nguul achurong ye alolomworsch wool aschey me' aschey lefiyyal sengi churong. <u>Construction</u> Esebwal ghitumogh ngere bwaa sughuwal meren achurong sengi temporario pomolier le' construction le' raan e tori 10-15 raagh.	Ischagh Sughuwal me' tepekewe eaitit ren Alternative 1 meren training, yare ghutupotch le' angang me' aghatchuul Military Lease Area Range Complex rer Range Control, me' atol ye yor construction nge eschuu me' amwaitiewel nguul ngungu training ngere sibwe awewe me' Alternative 1.
4.9 Air Quality	Esor Liwel	Esebwal ghitumogh ngere bwaa sughuwal meren training events, construction bwol petrolio, operational gas ngere me' radiation, me' potbus. Bwol petrolio ngere igha radiation ina ebwe amerremmer meren sensitive receptors.	Ischagh Sughuwal me' tepekewe eaitit ren Alternative 1 meren training, yare ghutupotch le' angang me' aghatchuul Military Lease Area Range Complex rer Range Control, me' atol ye yor construction nge eschuu me' amwaitiewel nguul ngungu training ngere sibwe awewe me' Alternative 1.

<i>Section and Resource</i>	<i>No Action Alternative</i>	<i>Alternative 1</i>	<i>Alternative 2</i>
4.10 Public Health and Safety	Esor Liwel	<u>Training and Construction</u> Esebwal ghitumogh ngere bwaa sughuwal meren ground me' aviation training events me' pomol construction, tulong electromagnetic radiation. Towowuul sughuwal woor towlap ebwe ghitighit ngeere rebwe atawey ren ayoran Range Control, surface danger zones, subdivided training areas, me' arre tabaway fischii range safety protocols me' best management practices. Esowb yor allangal an-gowerr malieul walle meren training igha reaghatchul alignal ferr me' esor wuulol schaal loll flood zones ngere ebewe yor bulieul ebwe flooded. <u>Protection of Children</u> Proposed Action esowb towow agnangawan malawal aghatchuul falieuw ngere loll aghatchul emwal fiengnaw ebwe ghular disproportionately affect children. Su-waal sughuwal reatawey ren arre atawa pomol construction me' pomol training sengi populated areas, active controls loll construction sites me' controlled access atol e yor training events bwel aghatchuurr me' malawerr towlap.	Ischagh Sughuwal me' tepekewe eaitit ren Alternative 1 meren training, yare ghutupotch le' angang me' aghatchuul Military Lease Area Range Complex rer Range Control, me' atol ye yor construction nge eschuu me' amwaitiewel nguul ngungu training ngere sibwe awewe me' Alternative 1.
4.11 Utilities	Esor Liwel	<u>Potable Water, Wastewater, Solid Waste, Hazardous Waste, Green Waste, Storm-water, Electrical Power, Communications</u> Esebwal ghitumogh ngere bwaa sughuwal wool ngere ngei utilities sengi aseghuul training me' pomol construction. Milife Tankil schaal me'systemal septic bwel ren schaal pwele nngau rebwe ayor bwele re sogh school yeye tingar. Aisissel, aka-maschul, me; ascheylo ii hazardous materials ferr me' yellegh fale Alternative 1 ebwe ferr tabwey laws me' regulations, tulong atol eyor training, operation me' maintenance of the Military Lease Area Range Complex rer Range Control, me' construction. Military me' construction-related solid waste rebwe aschey loo loll permitted landfills authorized rebwe bweghill teple wastes rebwe aschelelo (i.e., solid waste imu rebwe ataralelo Marpi Landfill awetwetil permitted landfill ebwe yor wool Tinian). Green waste imu rebwe lili chipper me' rebwe stockpiled bwel yeyel mulch. Best management practices rebwal pomoli atol iye yor pomol construction me' low-impact design measures developed bwele proposed training support infrastructure aghikital ngere eyor ngau mern schaal bwuu sengi raan ngau. Kapacidad ill Electrical power ye wool Tinian eghow ren tingareyal fale training me' construction. Eghuus, short-term service interruptions atol ye connections ngeni communications systems, me' construction impacts imu eabwe aghitighit ren yarre repurpose lill existing towers wool Tinian me Seipel .	Ischagh Sughuwal me' tepekewe eaitit ren Alternative 1 meren training, yare ghutupotch le' angang me' aghatchuul Military Lease Area Range Complex rer Range Control, me' atol ye yor construction nge eschuu me' amwaitiewel nguul ngungu training ngere sibwe awewe me' Alternative 1.

<i>Section and Resource</i>	<i>No Action Alternative</i>	<i>Alternative 1</i>	<i>Alternative 2</i>
4.12 Topography, Geology, and Soils	Esor Liwel	Esebwal ghitumogh ngere bwaa sughuwal wool topography, geology, me' pwelle loll atol eyor training, operation me' maintenance ill Military Lease Area Range Complex rer Range Control, ngere meren aghassaghasal tele wall me' eghuss yare kel le akauu ngere pomoli construction. Best management practices rebwe arru bwele rebwe control lil erosion lol atol ye yor pomol construction. Essowb schell rosoloo pwellil amatt.	Ischagh Sughuwal me' tepekewe eaitit ren Alternative 1 meren training, yare ghutupotch le' angang me' aghatchuul Military Lease Area Range Complex rer Range Control, me' atol ye yor construction nge eschuu me' amwaitiewel nguul ngungu training ngere sibwe awewe me' Alternative 1.
4.13 Groundwater and Hydrology	Esor Liwel	Esebwal ghitumogh ngere bwaa sughuwal ngeni yoral me' soghuul schaal fale pwelle me'le'll. Groundwater modeling re arru repi sughuwal loll yare considerai raagh kewe aloo me' mwetelo mwan tingar mwauw mern towlap fengen me' proposed tungar mauw fale Alternative 1 (e.g., atol yeyor training, operation andme' maintenance ill Military Lease Area Range Complex rer Range Control, me' construction). Yar abwelegh wool modeling results, ren atingar milife Tankil schal uull me' saabw uull nge esowb sughut lell ngere se'till.	Ischagh Sughuwal me' tepekewe eaitit ren Alternative 1 meren training, yare ghutupotch le' angang me' aghatchuul Military Lease Area Range Complex rer Range Control, me' atol ye yor construction nge eschuu me' amwaitiewel nguul ngungu training ngere sibwe awewe me' Alternative 1.
4.14 Surface Water and Wetlands	Esor Liwel	Esebwal ghitumogh ngere bwaa sughuwal ngeni surface waters me' wetlands meren yar merrey, kel ghati potch lefalieu lolo atol ye yor construction me' training, ngere merren live-fire training wool Multi-Purpose Maneuver Range ngere Explosives Training Range (e.g., tepel munitions ngere kkaral parang). Bwal yew, training me' tafala sowbol rebwe pomo construction rebwe atawarr 1,400 feet sengi wetlands igha schaal esse mwaghuut ngere buu.r.	Ischagh Sughuwal me' tepekewe eaitit ren Alternative 1 meren training, yare ghutupotch le' angang me' aghatchuul Military Lease Area Range Complex rer Range Control, me' atol ye yor construction nge eschuu me' amwaitiewel nguul ngungu training ngere sibwe awewe me' Alternative 1.

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