

Manmaneha na Ga'ga' Siha

MAKARO', MAGURO', DAIBANG

Bunita (*Katsuwonus pelamis*)

Kacho' (*Thunnus orientalis*)

Kacho', Bunitu (*T. alalunga*)

Kawakawa, Saba (*Euthynnus affinis*)

T. obesus

T. albacores

Auxis spp.

Euthynnus spp.

Scomber spp.

BILLFISH

Bâtto' (*Makaira nigricans*)

Saoara' (*Xiphias gladius*)

Istiompax indica

Istiophorus platypterus

Kajikia audax

Tetrapturus angustirostris

HALU'U

Alopias pelagicus

A. superciliosus

A. vulpinus

Carcharhinus falciformis

C. longimanus

Isurus oxyrinchus

I. paucus

Lamna ditropis

Prionace glauca

OTRO NA GA'GA' SIHA

Botague (*Coryphaena spp.*)

Nosnos (*Ommastrephes bartramii*,
Sthenoteuthis oualaniensis, *Thysanoteuthis rhombus*)

Toson (*Acanthocybium solandri*)

Lampris spp.

Family Bramidae

Family Gempylidae



Photo by D. Itano



Hafa Afuetsao Para Pumepeska

Todu i "Longline" na Batko

- Todu i ramentan "longline" debi di u mamätka
- Debi di u ma usa "dip nets, line clippers, bolt cutters" yan otro na ramenta nina'kayada, yan osge' i arrekamento siha put taimanu un trata, na'lä'la' ta'lo yan sotta i manmakonne' gi aksidente na haggan yan paluman täsi siha
- Guailäyi pinetmiti federät yan lepblon masusedi
- I mandueñon i batko siha yan i mansisigon i batko siha debi di u fanmanworkshop kada säkkan put i manmaprutetehi na ga'ga' siha

Para i bigeye tuna, yellowfin tuna yan striped marlin debi di u maosge' i chi-nä kinenne' ni' fina'tinas as i Western and Central Pacific Commission yan i Inter-American Tropical Tuna Commission.

Henerät "Longline" (Guahan, CNMI yan PRIA)

I "Longline exclusion zones" gi i tasi Federät siha gi oriyän Guahan (3-50 miyas täsi ginnen i tasi kattan yan luchan yan mas chägo' ginnen i kanton täsi gi i sanhaya' na bända) yan gi oriyän i CNMI (0-30 na miles ginnen i kanton täsi asta i tasi)

Longline iya Hawai'i

- Guaha chi-nä gi kuantos ni' siña humalom gi i fangguihan'an, ti siña mas kin 164 na bätko siha
- Ti siña mas ki 101 pie i inanako'-nä i batko
- "Longline exclusion" na lugät gi todudu i islas Hawai'i gi 25-75 na miyas täsi ginnen i kanton täsi asta i tasi
- Afuetsao un "vessel monitoring system" (VMS)
- Debi di umana'tungo' i NMFS dentro di 72 na oras antes di (ti saosaonao ha'änin deskansan yan bakashon federät siha) i batko ha dingü i pantalan para u fameska gi i EEZ
- Para i bigeye tuna, yellowfin tuna yan striped marlin debi di u maosge' i chi-nä kinenne' ni' fina'tinas as i Sanlichan and Santalo' Kumision Pasifiku yan i Inter-American Tropical Tuna Commission
- "Shallow-set" na fangguihan'an
 - Afuetsao na pipilan na prugramma yan kabäles na kinebre
 - I chi-nä siha kada säkkan put "interactions" yan i "loggerhead" yan "leatherback" na haggan siha. Para i mas pä'go'go' na chi-nä siha, hänao para <http://wpcouncil.org/pelagic-regulations.html>
 - Otro ni' guailäyi put giha ni' nisisario para u na'menggua gi aksidente na "bycatch" para haggan (circle hooks yan mackerel-type na katnada) yan paluma täsi siha ("side-set" pat asut matinta na katnada, yute' "strategically" tilipäs yan pega gi duranten i puengge)
- "Deep-set" na fangguihan'an
 - Afuetsao na pipilan na prugramma, yan 20% na kinebre
 - Osge' i arrekamento siha para "shallow-set" fangguihan'an na nina'kayada annai pumepeska gi lagu gi 23 deg. N

Iya American Samoa

- Guaha chi-nä para i humalom bätko siha gi kuarto na diferente na klas siha para "longline" na bätko
- Debi di umana'tungo' i NMFS dentro di 72 na oras antes di (ti saosaonao ha'änin deskansan yan bakashon federät siha) i batko ha dingü i puetto para u fameska gi i EEZ
- Dängkolu na "pelagic" bätko (menos 50 na pie) ti siña pumeska gi halom 50 miyas täsi ginnen i kanton täsi
- Debi di un usa i haguey siha gi hanom mas tahdong kinu 100 na metro siha
- Todu tiempion afuetsao na "vessel monitoring system" (VMS) yan kinebre pipilan

Troll yan Handline

- Pinetmiti siha yan lepblon masusedu nisisario annai macho'cho'cho' gi i PRIA
- Afuetsao put taimanu un maneha i haggan

Un kabäles na lista para i arrekamenton federät put pumepeska ni' manaplikao para i Sanlichan na bändan Pasifiku, gaige gi halom i Code of Federal Regulations, Title 50: Wildlife & Fisheries, Chapter 7, Part 665, siña un sodda' este gi <http://ecfr.gpoaccess.gov>.

Tinige' ni' Western Pacific Regional Fishery Management Council ginnen NOAA Award #NA07NMF4410270

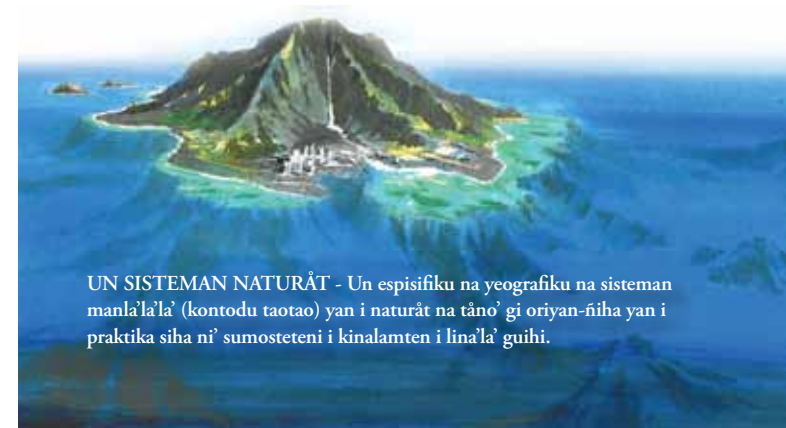
Pacific Pelagic Fishery Ecosystem Plan



I "PACIFIC PELAGIC FISHERY ECOSYSTEM PLAN" (FEP) MAFA'TINAS KOSAKI SIÑA MAMANEHA I KINENNE' "PELAGIC" NA GA'GA' TASI SIHA NI' US NA KLASIN BATKO SIHA GI I TASI SIHA GIYA I SANTALO' YAN SANLICHAN NA TASI PASIFIK, YA U MAGUBIETNA GI UN MANERA NI' MAFA'TINAS PARA I LUGÄT-NÄ HA'. PUT I SESSO MATULAIKÄ-NÄ SIHA I SISTEMAN NATURÄT GI I TASI, ESTE NA MANERA PUT I MINA'GASIN FANNGUIHAN'AN, ADAPTÄYON YAN HA KONSEDEDERA TININGO' PUT I TANO NATURÄT YAN I TI PETMANENTE NA ESTAO-NÄ, HA KONSEDEDERA MEGGAI NA INAFEKTA SANHI-YONG (SANHALOM YAN INTERNASIONÄT) YAN HA KEKEBALANSA MEGGAI NA KLASIN PUNTON SOSIÄT SIHA.

THE PACIFIC PELAGIC FEP

- HA IDENTIFIKA PUNTON MINANEHA SIHA
- MÄTKA I CHI-NÄ YEOGRAFIKU SIHA
- ATBÄNSA MAS INAFAMAOLEK YAN PATISIPASION KUMINIDÄT GI DIFERENTES NA INETNON INABISA YAN UN PROPIU NA SISTEMAN MINANEHA
- SENÑALA I MANMANEHA NA GA'GA' SIHA, YA
- NA'ESPISIFIKU I MANAPLIKAO NA ARREKLAMETON FANGGUIHAN'AN



UN SISTEMAN NATURÄT - Un espisifiku na yeografiku na sisteman manlä'la'la' (kontodu taotao) yan i naturät na täno' gi oriyän-niha yan i praktika siha ni' sumosteteni i kinalamten i lina'la' guihi.



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Punton Minaneha Siha

1. Sosteni un “biologically” miklasi yan meppa’ na sisteman naturât gi i tasi yan atbânsa i mas ma’ok yan “sustainable” na uson i guinahan tâsi ni’ un maneran gairespetu nu kuttura yan tano’ naturât, gi un maneran “science-based” put taimanu mamaneha i guinahan tâsi siha.
2. Na’guaha ga’ma yan adaptâyon na sisteman minaneha siha ni’ siña umatende chaddek nuebu na infotmason “scientific” yan tinilaika siha put i kondishon naturât yan taimanu i taotao siha manmanu’usa.
3. Na’lamaolek i tiningo’ yan kinemprende i publiko yan i gubetnamento put i tano’ naturât gi tasi kosaki siña ta na’lamenggua i “unsustainable” na inafekta siha ginnen taotao siha ya atbânsa sinienten gairesponsibilidât para i tano’ naturât.
4. Sohyo’ yan na’guaha mas ma’ok yan gaisubstansia na partisipasion ginnen i kumunidât gi i inaligao, fina’tinas yan mina’gasin i guinahan tasi.
5. Namenggua “bycatch” gi i fangguiahn’an yan nina’lastima gi maseha mânu na pusipble.
6. Maneha yan maneha yan otro i manmaprutetehi na ga’ga’ siha, sagan ga’ga’ yan lugât siha.
7. Atbânsa i sinafun i lina’la’ taotao gi i tasi.
8. Sohyo’ yan sapotte propiu kinimple yan “enforcement” gi todû i manaplikao na areklamto siha put fangguihan’an gi i sanhalom yan Federât na bânda.
9. Añadi mas inafâmaolek gi entre sanhalom yan sanhiyong na minanehan fangguihan’an, yan otro na gubetnamento yan ti gubetnamento na otganision, kumiteha siha, yan i publiko kosaki siña ma lamaneha i sisteman naturât gi i tasi.
10. Na’lamaolek i kuantidât yan kualidât i guaguaha na infotmason ni’ sumapopotte i minanehan i sisteman naturât gi tasi.

Chi-ña Yeografiku

I Pacific Pelagic FEP ha na’saosona’o todû i lugât maneguihan gi tahdong na tasi gi i US exclusive economic zone (EEZ) yan gi i tasi internasionât para maseha hafa na US (pat sanhalom na klasin bătko ni’ a) kekekonne’, esta kumonne’ pat lumoloffan “Pacific Pelagic” na klasin mama’gâsi na ga’ga’ siha gi halom i EEZ na banda gi i Sanlichan na Pasifiku, pat b) dumeskatkatga “Pacific Pelagic” na mamaneha na ga’ga’ siha gi halom i Sanlichan na Pasifiku. I Sanlichan na Pasifiku na bânda ha na’saosona’o iya Hawai’i, i islas American Samoa, Guahan, i Sankattan na Islas Marianas, yan i sen chăgo’ na islas Amerikănu gi i Pasifik (Johnston, Midway, Palmyra yan Wake Atolls; Baker, Howland yan Jarvis Islands, yan Kingman Reef).

Sisteman Minaneha yan Partisipasion i Kumunidât

I sisteman mina’gasi para i Pacific Pelagic FEP ha atbânsa inafâmaolek gi entre i territoriât, i federât yan i hihot lao internasionât na gubietnamento siha yan ti gubietnamento na otganision siha kosaki siña ma attende i sosiat, kutturât, iekonomik, “biological” yan “ecological” yan otro na asunto “scientific” put gaibali na minanehan sisteman naturât. I impottânte na asunto put sisteman naturât ha na’saosona’o fina’tinas taotao yan fina’tinas ti taotao; put hemplo tinilaika klema yan taimanu ha afefekta i mineppe i tasi; i inafekta siha ginnen “bycatch,” “forage fish” yan manmaprutetehi na ga’ga’ siha; yan lakkue’ ti pineska na aktibidât siha ni’ siña muna’guaha inaplacha, “nutrient loading,” basulan yan tâsi.

I FEP ha na’siguru lakkue’ na i ma dipepende i tâsi para i sustansian-ni’ha “social relations,” “identity” yan alimenta, manna’lasaona’o gi taimanu na mafâtitinas dinisidi put este na asunto siha. I Pelagic FEP ha na’setebe un manera “ginnen pappâ para hulo” para i minanehan fangguihan’an. Gi i tinituhon ma na’setebe rekomendasion siha ni’ manmarikohi ginnen miteng publiko siha yan otro inetnon inabisa siha, kontodu Regional Ecosystem Advisory Committees.

FEP Advisory Panel

I FEP Advisory Panel (AP) ha na’i i Council ni’ inabisa put asunton i minanehan fangguihan’an yan hafa siña masusedi anggen maimplementa pusipble na rekomendasion minaneha siha. Gaige gi halom este noskuan-tos na “subpanels.” I Pelagic Ecosystem guaha diese-sais na membro-ña siha. Kada membro ha setebe i “subpanel” para kuarto años.

Pelagic FEP Plan Team

I Pacific Pelagic FEP Plan Team ha dirihî i makontinunuha na fina’tinas yan inimplementan i Pacific Pelagic FEP yan gairesponsibilidât gi’ para i rinibisan infotmason put i macho’cho’cho’-ña i fangguihan’an yan i estao i guinahan ni’ gaige guihi. I FEP Plan Team ha konsiste federât yan sanhalom na espesiat na taotao ginnen i gubetnamento yan ti gubetnamento na bânda, ya manmaapunta siha ni’ i Council yan ma fa’cho’chu’i gi’ para ti siguru na tiempo siha.

Regional Ecosystem Advisory Committees

I Regional Ecosystem Advisory Committees (REACs) ha na’saosona’o Council na membro siha yan i manre’representa siha ginnen ahensia federât yan sanhalom; bisnes siha; yan ti gubetnamento na otganision siha ni’ gairesponsibilidât yan gaiinteres nu i aktibidât siha gi i tano’ yan gi i tasi ni’ siña muna’dănu i sisteman naturât gi i tasi, kontodu i “pelagic.” Mansiparao na Regional Ecosystem Advisory Committees manmaestabesi giya Hawai’i, American Samoa yan i Islas Marianas (Guahan yan i Sankattan na Islas Marianas).

Science and Statistical Committee

Manggaige gi halom i Scientific and Statistical Committee (SSC) “scientists” ni’ ma fa’cho’chu’i sanhalom yan federât na ahensia siha, institushun unibetsedât, yan otro na otganision siha. Este na “scientists” ma representa meggai na klasin “discipline” siha ni’ guailăyi para i mapulân-ña i minanehan fangguihan’an gi i Sanlichan na Pasifiku na bânda.

I Esta Mangaigaige na Kumite Siha

I Pacific Pelagic Ecosystem yan International Fisheries Standing Committee ma na’saosona’o membro siha gi i Council, ni’ antes di mamdisidi i Council, ma ribisa infotmason yan tiningo’, kontodu i rekomendasion siha i FEP Advisory Panel, i Plan Team siha, REACs, yan i SSC. I rekomendasion siha ginnen i Standing Committees yan i otro na inetnon inadbisa, para u mafânu’i gi menan i kabâles na Council para u makonsedera antes di mandisidi gi’ put diferentes na rekomendasion siha.

Natibu na Prugraman Kumunidât

I Western Pacific Region’s Community Development Program, Community Demonstration Projects Program yan Marine Education and Training Program manmafâtinan kosaki siña ma na’guaha mas partisipashon gi i fangguihan’an ginnen i mantaibu na taotao siha ni’ mañasăga’ gi i Islas Pasifiku siha.

Internasionât na Minaneha yan Inaligao

I Council fihu sumaona’o gi i fina’tinas yan inimplenta internasionât na kontrata siha yan inaligao put guinahan tâsi. I mas impottânte na asunto para i Pacific Pelagic FEP, i minaneha i sesso humano na klasin ga’ga’ siha (pi’ot tuna yan “billfish” siha) yan i nina’utas i manmaprutetehi na ga’ga’ siha (pi’ot haggan yan bayena yan toninos siha). Desde 2000, i minanehan i tuna na guihan siha ma dibidi gi dos na internasionât na Regional Fishery Management na otganision siha: i Inter-American Tropical Tuna Commission yan i Western yan Central Pacific Fisheries Commission.