

Contrasting global, regional and local patterns of genetic structure in gray reef shark populations from the Indo-Pacific region

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Table S4. Multilocus genotypes of the 407 gray reef shark specimens analyzed at 15 microsatellite loci.

Region	Locality	Sample Name	mix 1							mix 2					mix 3		
			Camb 02	Camb 07	Camb 09	Camb 11	Camb 06	Camb 22	Camb 20	Camb 03	Camb 18	Camb 25	Camb 04	Camb 05	Camb 15	Camb 27	Camb 28
Coral Sea	Australia	EstAus01	330338	304308	216218	173185	252261	352352	327327	215237	159161	199199	345353	270278	212216	173173	301303
Coral Sea	Australia	EstAus02	322322	304308	212218	173187	246252	352352	311327	207237	141151	195211	345353	278280	210214	171175	285297
Coral Sea	Australia	EstAus03	342342	304308	216218	173195	252261	352352	323327	213237	139147	199223	345353	270278	206208	173173	301301
Coral Sea	Australia	EstAus04	330330	304308	218218	173187	252267	352352	319321	207217	139151	199211	345353	278280	208210	175179	297301
Coral Sea	Australia	EstAus05	318318	288296	212214	173173	252252	352352	313335	245245	151153	223223	345345	270280	206210	163173	307307
Coral Sea	Australia	EstAus06	322362	296312	212216	171175	252252	352352	319323	229265	165179	199223	345361	276278	194208	171173	297297
Coral Sea	Australia	EstAus07	330330	312312	212212	171171	252252	352352	327327	295295	139139	195195	345345	276276	206214	171171	301301
Coral Sea	Australia	EstAus09	346362	300308	214216	173173	246246	352352	317327	233243	149173	191191	351353	266276	206210	167173	297301
Coral Sea	Australia	EstAus10	334342	308308	218218	173187	240261	352352	315323	207223	147157	211223	349357	270278	210222	171175	301301
Coral Sea	Australia	EstAus12	330350	304312	218218	165187	240258	352352	321333	207231	159185	199199	345359	270276	200204	167171	297303
Coral Sea	Australia	EstAus13	326338	304316	216220	173173	252255	352352	311331	207257	139179	207215	353355	266278	204206	155175	297301
Coral Sea	Australia	EstAus14	000000	304304	212216	169173	252261	352352	313327	233233	139179	223223	345361	268268	202206	151175	285285
Coral Sea	Australia	EstAus15	334362	304308	218218	173187	252255	352356	313321	239259	143173	191199	345367	272282	202212	171177	285301
Coral Sea	Australia	EstAus17	346358	296308	212216	165187	252261	352352	311331	223229	155163	211223	345371	276278	212216	171171	301307
Coral Sea	Australia	EstAus19	342342	304308	214214	169173	246252	352352	313325	213237	139161	211211	345367	272278	204212	141175	301303
Coral Sea	Australia	EstAus20	326342	308308	212222	173175	246252	352352	309313	213237	139161	191195	345353	266266	210210	175187	285285

Coral Sea	Australia	EstAus21	322334	304308	212216	171171	258270	352352	321327	217241	139165	191195	349353	270272	194212	167167	285297
Coral Sea	Australia	EstAus26	342374	300304	216218	171195	240261	352352	319327	237247	163167	199211	355355	266278	198200	167167	299305
Coral Sea	Australia	EstAus27	342342	300304	216216	173197	249270	352352	323325	207217	147159	223227	353353	270272	208216	173181	295301
Coral Sea	Australia	EstAus28	326354	304308	212218	173187	246270	342352	309321	207237	139157	195211	349361	266278	202206	167173	285299
Coral Sea	Australia	EstAus30	330354	300308	212214	173187	252261	342352	309321	245245	139139	195195	345367	266266	202208	173173	285301
Coral Sea	Chesterfield	Bampton01	354354	304308	216218	183197	252261	352352	311333	231241	175183	211223	345369	270270	208210	173173	287297
Coral Sea	Chesterfield	Bampton02	330346	304304	216218	171209	261261	352352	311319	207207	147169	191191	353361	270278	206206	165175	299301
Coral Sea	Chesterfield	Bampton03	326350	304304	214216	173173	255261	352352	323325	207217	151179	211223	349353	274278	210210	167175	297305
Coral Sea	Chesterfield	Bampton04	338378	300304	216218	173173	252252	352352	311341	223227	159181	223227	345353	278280	206210	173175	295301
Coral Sea	Chesterfield	Bampton05	342346	300308	216218	173189	246255	352352	311315	207213	183183	227227	345353	278280	204206	167169	301301
Coral Sea	Chesterfield	Bampton07	334354	308308	218218	171173	252258	352352	315329	207241	163177	223227	345371	272278	210214	167173	295301
Coral Sea	Chesterfield	Bampton08	322350	304304	218218	173195	252258	352352	311321	215245	163171	223227	345353	278280	210210	165175	295297
Coral Sea	Chesterfield	Bampton09	354370	304304	218220	171173	243249	352354	303311	247265	151167	223235	345345	270278	204206	167171	297301
Coral Sea	Chesterfield	Bampton10	338362	304308	216218	175189	246255	352356	325335	219251	151173	211227	349353	270276	204218	165173	297297
Coral Sea	Chesterfield	Bampton11	338350	300308	216218	165189	249261	352352	327331	209239	151177	211223	353363	278280	204206	173175	295297
Coral Sea	Chesterfield	Bampton12	342342	304312	216218	173179	252252	352352	321325	241269	145183	223227	345353	272280	206210	167173	297301
Coral Sea	Chesterfield	Bampton13	342370	304304	216218	181183	246258	352354	331331	207247	165181	199227	353359	270278	200206	169175	297303
Coral Sea	Chesterfield	AvondN01	334354	304304	216216	165173	258261	352352	321327	207217	177179	227235	345353	270270	194200	175175	293301
Coral Sea	Chesterfield	AvondN02	342342	304308	216218	173181	234270	352354	319331	215231	151171	199227	345345	270282	202206	167179	297301
Coral Sea	Chesterfield	AvondN03	326346	300304	216218	183189	243252	352356	329331	237253	157179	223223	359361	266272	206208	151173	297303
Coral Sea	Chesterfield	AvondN04	330342	304304	216218	165173	246252	352352	317331	207217	137155	199227	353365	270280	204206	177177	297303
Coral Sea	Chesterfield	AvondN05	330338	304308	216218	173189	249261	354356	325331	209215	149157	199207	347347	270270	194200	175179	295301
Coral Sea	Chesterfield	AvondN06	334350	300300	216216	165181	252255	352352	321327	213243	153179	211223	351353	270280	196200	151175	299301
Coral Sea	Chesterfield	AvondN07	330346	304308	212216	165189	246252	352354	311323	213243	163183	207227	347353	270280	204214	175177	297301
Coral Sea	Chesterfield	chesterfield01	334338	304312	216218	165187	246252	352354	327333	207207	145147	207211	345353	270280	194202	169173	301301
Coral Sea	Chesterfield	chesterfield02	362362	304308	216218	165179	246252	352354	327333	207207	145163	211211	345353	278278	206214	169173	297301
Coral Sea	Chesterfield	chesterfield03	334354	308312	216218	173209	252252	352352	321333	207231	145147	199227	345361	272276	194200	171175	301301
Coral Sea	Chesterfield	chesterfield04	338354	304308	216220	179199	252252	352354	319325	207213	161169	191199	345353	270280	206206	155167	297301
Coral Sea	Chesterfield	chesterfield05	334354	304308	216218	165189	252255	352354	319327	207217	145151	211223	357357	266270	206216	175175	293301
Coral Sea	Chesterfield	chesterfield06	334354	300304	208218	173175	261261	352352	319327	231245	145171	199223	345345	270278	210214	173173	297301
Coral Sea	Chesterfield	chesterfield07	342342	300300	216218	179203	249249	352352	313327	229229	151151	191211	357357	268268	206214	171171	287297

Coral Sea	Chesterfield	chesterfield08	338362	304316	218218	165197	252252	352352	319325	205207	161177	199227	345357	270280	200206	173175	299301
Coral Sea	Chesterfield	chesterfield09	326350	304308	212216	173187	252255	342352	313327	207217	139151	211211	345353	266278	202208	167175	287297
Coral Sea	Chesterfield	chesterfield10	326350	304308	212216	173187	252255	352352	309325	207217	139141	193211	345353	266278	202208	171175	287297
Coral Sea	Chesterfield	chesterfield11	342342	304308	212216	173187	252261	352352	311311	207213	141151	193211	345353	266270	202208	175175	287297
Coral Sea	Chesterfield	chesterfield12	342342	308308	216216	193193	252261	354354	313327	207217	163167	195223	000000	270270	206206	173173	287297
Coral Sea	Chesterfield	Renard01	350354	308312	216218	165189	249252	352352	325327	223241	167175	191191	345345	270280	202206	171173	301303
Coral Sea	Chesterfield	Passage_ilot01	338358	292312	216218	173175	252258	352352	315319	217243	169197	211223	349361	270272	204206	171171	297303
Coral Sea	Chesterfield	Passage01	330334	300304	216218	165185	246258	352352	311329	243257	157177	199211	345357	266276	206206	171177	297301
Coral Sea	New Caledonia	Poindimie01	330358	304308	216218	169201	258264	352352	331335	207221	167185	191211	345353	270270	206206	169177	295303
Coral Sea	New Caledonia	Poindimie02	350354	300300	216218	189191	240264	352352	323331	217229	151175	191199	353353	270280	194218	171175	293299
Coral Sea	New Caledonia	Poindimie03	334346	304312	218220	165189	234249	352352	323327	223243	161175	207227	351353	270270	202216	173177	269301
Coral Sea	New Caledonia	Poindimie04	322354	300308	216220	165169	252270	352352	311319	207245	151169	211223	353357	270280	194202	171173	269303
Coral Sea	New Caledonia	Poindimie05	326338	304308	216220	179199	252252	352354	319325	207213	161163	191199	345357	270280	206206	155167	297301
Coral Sea	New Caledonia	Belep01	318330	304316	216218	171173	246258	352352	311321	207207	171179	191211	345359	270278	200218	167175	297301
Coral Sea	New Caledonia	Belep02	330350	304312	216218	165187	240258	352354	311327	233259	159175	199211	355367	278278	206216	169177	301301
Coral Sea	New Caledonia	Belep03	338342	292312	214216	165171	252261	352352	311319	213231	151181	199207	351353	270278	206208	171175	297297
Coral Sea	New Caledonia	Belep04	354370	308308	216218	185187	258261	354354	321323	207231	157157	191223	353353	270278	206206	151175	301301
Coral Sea	New Caledonia	Belep05	350354	304304	216218	173175	252255	352352	319333	213233	153177	211223	345357	270280	204204	151175	297305
Coral Sea	New Caledonia	Belep06	322334	308308	216218	189191	246252	352352	311327	207207	151163	191211	345353	272280	208212	171175	293301
Coral Sea	New Caledonia	Belep07	330350	304316	216216	165173	246255	352352	321329	211249	171189	199227	345355	272278	208216	169171	301303
Coral Sea	New Caledonia	Belep08	354358	304304	218220	197201	252252	352352	317319	207219	149181	211223	353367	266278	206206	167171	297301
Mozambique Channel	Juan de Nova	Juan01	334374	300304	218218	169185	246261	346346	327327	219221	159185	219223	361370	276278	198198	165169	301301
Mozambique Channel	Juan de Nova	Juan02	350358	300316	212218	169179	258261	346354	325329	223255	147189	207235	351369	278278	198198	167167	269301
Mozambique Channel	Juan de Nova	Juan03	354354	300300	214216	169171	246258	346346	327327	221221	141147	219223	351373	278278	210210	167173	301301
Mozambique Channel	Juan de Nova	Juan04	346362	304312	216216	169179	258258	346354	327327	221245	141141	207219	367379	276278	198210	167169	295301
Mozambique Channel	Juan de Nova	Juan05	330370	300308	216216	169179	258258	346354	327327	235235	141181	219219	349351	272276	198206	169171	301301
Mozambique Channel	Juan de Nova	Juan06	358362	300304	214218	179185	258264	346346	339339	211221	159189	219235	351359	276278	210220	171173	301303
Mozambique Channel	Juan de Nova	Juan07	342358	300312	216218	169179	258264	346346	327327	211225	143177	207219	351373	276280	198214	165167	269269
Mozambique Channel	Juan de Nova	Juan08	334334	304304	214216	179179	246261	346346	329329	213223	141173	219235	369373	278280	208210	167173	269301
Mozambique Channel	Juan de Nova	Juan09	366366	300304	212212	169171	258264	346354	327327	221259	143151	219219	349351	276278	210214	167173	269301
Mozambique Channel	Juan de Nova	Juan10	358358	304312	212218	179181	258264	346352	327327	215249	149187	223223	351359	276276	214216	167167	301305

Mozambique Channel	Juan de Nova	Juan11	350362	300304	212212	169169	246252	346354	329329	229229	151177	207223	349381	276276	210210	169173	269269
Mozambique Channel	Juan de Nova	Juan12	342354	300312	216216	169169	246261	346354	327329	213249	141143	207207	349369	276276	208210	167177	269301
Mozambique Channel	Juan de Nova	Juan13	334338	304304	212216	169179	252258	346352	327327	211221	141151	199199	351379	276278	198210	167173	269301
Mozambique Channel	Juan de Nova	Juan14	334334	304304	216216	179179	252264	346354	327329	221247	143151	219223	359379	276278	198214	169173	269301
Mozambique Channel	Juan de Nova	Juan15	366366	300312	212216	169185	258264	346346	327329	221223	175179	199199	351379	276280	216216	169173	295303
Mozambique Channel	Juan de Nova	Juan16	334350	300300	212218	179179	261264	346352	327327	211221	141151	191199	345353	270278	198198	167173	269301
Mozambique Channel	Juan de Nova	Juan17	346354	300304	216218	179179	258264	346354	327327	211223	163191	207219	371373	272278	214216	169173	269303
Mozambique Channel	Juan de Nova	Juan18	338358	304312	212218	179179	252258	346352	327327	211215	147149	191223	349351	272276	214214	167173	277301
Mozambique Channel	Juan de Nova	Juan19	362370	300308	216218	177185	258264	346354	329329	201221	141169	219219	351351	272276	198210	169169	269269
Mozambique Channel	Juan de Nova	Juan20	342358	300308	216218	179179	258258	346354	323327	221251	143185	219235	349349	278278	198216	173173	301301
Mozambique Channel	Juan de Nova	Juan21	338362	304308	212212	179179	252258	346346	327327	223225	151151	223235	351351	276278	198218	167167	269269
Mozambique Channel	Juan de Nova	Juan22	334346	300304	214216	179179	252264	346354	325329	217221	143151	219223	359379	276278	198214	173177	269301
Mozambique Channel	Juan de Nova	JuanDagsit01	346354	300300	212220	169179	258258	346354	327327	215221	141171	207219	375379	278280	198210	169171	269305
Mozambique Channel	Juan de Nova	JuanDagsit02	358358	300300	216218	179185	246252	346346	327327	211221	175175	199207	351351	278278	210214	171173	269305
Mozambique Channel	Juan de Nova	JuanDagsit03	362362	300304	212218	169179	261264	346354	327329	219221	151185	219235	349351	276276	198210	167173	269295
Mozambique Channel	Juan de Nova	JuanDagsit04	338362	300304	214218	179179	258258	346354	329339	225251	141143	219235	349351	278280	198198	171173	269301
Mozambique Channel	Zelée Bank	Zelee01	366366	300304	212216	179179	246246	346346	327327	225249	185185	207235	389399	278278	198200	171173	301301
Mozambique Channel	Zelée Bank	Zelee02	342366	300312	216216	169185	246264	346346	327329	225233	143173	219219	371375	278278	210216	169171	269301
Mozambique Channel	Zelée Bank	Zelee03	330354	300300	214216	179179	258261	346346	327329	217227	183191	207219	351357	276276	198210	167171	269305
Mozambique Channel	Zelée Bank	Zelee04	334358	300304	216218	169179	264264	346354	327339	221225	141151	199235	351351	272278	210214	169171	301301
Mozambique Channel	Zelée Bank	Zelee05	366374	300312	216216	169183	252264	346354	325327	221221	143151	219223	349351	276278	198210	167169	301301
Mozambique Channel	Zelée Bank	Zelee06	342342	300304	216218	169185	258258	346346	327327	233243	151201	219235	349351	276276	198198	167169	269305
Mozambique Channel	Zelée Bank	Zelee07	330350	300304	214216	169179	252261	346346	327343	215221	147177	219219	351369	276278	198208	167173	299301
North Central Pacific	Palmyra	Palmyra001	338342	304304	218218	183187	252252	352352	321321	257259	155175	191211	347353	270278	206206	173175	301303
North Central Pacific	Palmyra	Palmyra002	338342	304308	216218	187205	246252	352354	319321	207209	179179	191211	345363	270278	206212	169173	295299
North Central Pacific	Palmyra	Palmyra003	350350	312312	218220	167193	249252	352354	327335	217225	159179	199211	345353	274276	206206	173175	299301
North Central Pacific	Palmyra	Palmyra004	334346	300304	216218	165171	252252	352354	327331	205239	147173	223235	345345	270272	200206	155175	295301
North Central Pacific	Palmyra	Palmyra005	342350	300304	218218	165171	246252	352354	331331	235243	173191	191223	353361	270280	200206	169173	291295
North Central Pacific	Palmyra	Palmyra006	342350	304312	216218	165171	252255	352352	335349	217235	159189	211235	345353	270272	206210	169173	299301
North Central Pacific	Palmyra	Palmyra007	342350	296312	218218	171199	252270	352352	321327	237253	147151	211235	353353	270280	202208	169173	301303
North Central Pacific	Palmyra	Palmyra008	318334	300300	216218	165171	249252	352352	313331	223235	177189	207211	345359	270272	200206	173175	301303

North Central Pacific	Palmyra	Palmyra009	346354	304312	218218	187187	255261	352352	313313	215215	147161	211235	345353	278282	194200	173173	299301
North Central Pacific	Palmyra	Palmyra010	334354	300304	218218	183201	252261	352352	327327	247247	147153	199223	353357	270278	206214	169173	291301
North Central Pacific	Palmyra	Palmyra011	350350	300304	216218	183207	240252	352352	319331	225225	161175	191223	353361	278282	206206	169175	301303
North Central Pacific	Palmyra	Palmyra012	346350	304312	218218	187193	249255	352354	321327	217219	197199	191207	349353	278280	202204	169173	297303
North Central Pacific	Palmyra	Palmyra013	346350	308312	218218	171193	249252	352356	329335	209241	157165	199223	345345	270278	206206	171171	301301
North Central Pacific	Palmyra	Palmyra014	334334	300312	218218	171189	255255	352354	321329	225225	157165	207235	353355	278280	206212	167179	297307
North Central Pacific	Palmyra	Palmyra015	334342	300304	216218	165185	252252	352352	327335	239243	161177	191211	359359	270276	202206	175179	299303
North Central Pacific	Palmyra	Palmyra016	350358	300312	216218	171173	249264	352352	319331	227265	161165	211223	351353	270272	206206	169173	301303
North Central Pacific	Palmyra	Palmyra017	342342	304304	216218	193197	252261	352354	313331	229229	151151	199207	345353	270278	206208	171175	297299
North Central Pacific	Palmyra	Palmyra018	326362	304312	216218	165165	255255	352352	313319	233239	159171	199211	345345	270272	206206	173173	293301
North Central Pacific	Palmyra	Palmyra019	330342	308308	218218	183197	252264	352352	327349	209267	151179	191207	353359	270270	204206	169169	297325
North Central Pacific	Palmyra	Palmyra020	334342	304304	218218	171187	252264	352352	321321	217255	155155	191211	345353	270278	202206	173175	297303
North Central Pacific	Palmyra	Palmyra021	330346	304308	216220	171183	252252	352352	321329	233265	155181	199211	345359	270278	202206	171177	297301
North Central Pacific	Palmyra	Palmyra022	326342	300308	216218	191197	255273	352352	313319	243253	159183	223223	353353	270270	200214	167171	295295
North Central Pacific	Palmyra	Palmyra023	322334	292316	216218	201203	252252	352352	313327	217227	181185	191223	345353	278280	204206	167179	301301
North Central Pacific	Palmyra	Palmyra024	338366	300304	218218	183183	252264	352352	313327	217265	163165	191227	343353	270278	206214	173175	299325
North Central Pacific	Palmyra	Palmyra025	000000	304308	214214	171187	252252	354354	313327	245245	145147	191191	345355	270272	200208	173173	327339
North Central Pacific	Palmyra	Palmyra026	322334	304308	218218	171201	252252	352352	327331	235235	147185	191211	349353	272278	202206	175175	327327
North Central Pacific	Palmyra	Palmyra027	342350	308312	218218	189195	264264	352352	327329	247265	151185	191199	345357	270270	202206	175177	301303
North Central Pacific	Palmyra	Palmyra028	338358	304304	218218	183189	252252	354354	319329	207235	173189	211235	353357	266272	206208	173175	293303
North Central Pacific	Palmyra	Palmyra029	322342	304304	218218	171183	246252	352352	327327	231249	167195	207235	343345	270278	206206	171179	295325
North Central Pacific	Palmyra	Palmyra030	318354	304304	216218	171193	246261	352352	329331	209235	183185	211223	345353	270274	192192	173175	301303
North Central Pacific	Palmyra	Palmyra031	318342	304312	218218	183185	249261	352352	319341	207271	159183	227227	353353	272278	200204	171173	303305
North Central Pacific	Palmyra	Palmyra032	330358	304308	218218	173183	261264	352352	327331	217225	159197	191227	345369	270270	206206	173175	301325
North Central Pacific	Palmyra	Palmyra033	330346	304312	216218	185193	246252	352352	313329	247259	151153	191191	345353	266278	206206	175175	297301
North Central Pacific	Palmyra	Palmyra034	334342	304308	216218	171183	252252	354354	325335	207265	177177	211211	345345	270270	210214	167169	297301
North Central Pacific	Palmyra	Palmyra035	338342	308316	216218	189203	252255	352354	327329	219225	163181	199207	353355	272278	206208	171173	301303
North Central Pacific	Palmyra	Palmyra036	330330	304304	218218	165165	261261	352352	319327	243255	165191	191207	353357	268278	212214	173173	301303
North Central Pacific	Palmyra	Palmyra037	334366	304308	218218	197201	252252	352352	329331	235235	153161	211223	343355	270270	202206	171175	303303
North Central Pacific	Palmyra	Palmyra038	342346	308312	218218	187201	249249	352352	319321	207231	183199	211223	351353	278280	206208	173177	303327
North Central Pacific	Palmyra	Palmyra039	346350	296304	218218	185199	246252	352354	323329	221225	155175	223223	353367	278278	204212	173175	291301

North Central Pacific	Palmyra	Palmyra040	330354	308308	216218	183183	246249	352354	331357	219265	151167	207211	343353	272276	208208	171173	295295
North Central Pacific	Palmyra	Palmyra041	334366	304308	218218	197201	252252	352352	329331	235235	153161	211223	343355	270270	202206	171175	303303
North Central Pacific	Palmyra	Palmyra042	330350	300300	218218	173193	252255	352354	323349	237239	179183	211211	349353	270270	202206	169173	301303
North Central Pacific	Palmyra	Palmyra043	342354	312312	216218	171171	252264	352352	327329	225237	147163	191223	345353	270278	194206	167171	301301
North Central Pacific	Palmyra	Palmyra044	330346	308312	216218	191207	252261	352352	327333	207255	177185	211227	345361	270280	204206	173175	291301
North Central Pacific	Palmyra	Palmyra045	322354	300304	218218	171191	246252	352356	319327	237253	153173	211227	353353	270276	206206	175175	293297
North Central Pacific	Palmyra	Palmyra046	338342	308312	218218	171191	246261	352354	319329	227265	165173	191223	345353	270278	206210	175179	303325
North Central Pacific	Palmyra	Palmyra047	338342	296312	218218	185187	252258	352354	331333	217259	153181	191211	345361	270278	192206	169179	291325
North Central Pacific	Palmyra	Palmyra048	326346	296304	218218	197205	252261	352352	313319	219233	153169	203211	353355	270278	206206	171175	299301
North Central Pacific	Palmyra	Palmyra049	358366	304312	218218	165165	246246	352352	335335	227249	163179	211227	353353	278278	206206	171173	301301
North Central Pacific	Palmyra	Palmyra050	342358	308316	218218	171181	240252	352354	327333	259263	159165	191227	343367	270278	204210	173179	307325
North Central Pacific	Phoenix	Birnie604	326358	304308	216220	171197	255255	352354	317327	233239	167175	211211	345359	270270	212214	169175	299335
North Central Pacific	Phoenix	Birnie605	326346	300312	218218	185191	255255	352356	315327	207237	147167	227227	347357	270278	212212	167173	297297
North Central Pacific	Phoenix	Birnie606	342342	300304	218218	171171	252252	352352	323327	219267	179185	211211	353353	276278	192208	167173	295295
North Central Pacific	Phoenix	Birnie607	346346	304308	216218	173183	252252	352354	313327	221229	173189	207211	353371	272278	206214	167173	297305
North Central Pacific	Phoenix	Birnie608	358358	304304	218218	171187	252261	352352	311319	215241	151157	199207	345345	278278	208212	173173	301303
North Central Pacific	Phoenix	Birnie609	346354	304312	218218	171193	252252	352352	327343	217237	155173	191235	353355	270272	200206	175175	301301
North Central Pacific	Phoenix	Birnie610	342354	304308	216218	165171	252252	352354	327333	235259	171171	199235	353369	280280	206214	169169	301337
North Central Pacific	Phoenix	Birnie611	358362	304308	218218	183185	246252	352352	319329	207225	155167	211211	345353	272278	200206	171175	301307
North Central Pacific	Phoenix	Birnie612	338354	300304	216218	183193	252252	352352	311327	207223	147191	211211	345353	270270	206212	167173	301303
North Central Pacific	Phoenix	Birnie613	326330	304308	216218	171193	246255	354354	311331	207227	153177	211223	345353	270278	204210	173177	293293
North Central Pacific	Phoenix	Birnie614	330342	292296	218218	173173	246252	354354	331335	237247	175181	191223	349349	270272	204214	173175	299299
North Central Pacific	Phoenix	Birnie615	318338	300308	218218	183193	252264	352352	319327	207217	159177	211227	349353	278278	210212	175175	269307
North Central Pacific	Phoenix	Birnie616	330354	308312	216218	173183	252255	352352	319333	207217	155173	191227	375379	278278	206206	173175	291293
North Central Pacific	Phoenix	Birnie617	358362	300308	212218	171193	252252	352352	321331	209245	171179	191223	351351	270270	212216	171175	297347
North Central Pacific	Phoenix	Birnie618	322342	308308	216216	169189	252258	352354	317321	261271	173185	191223	357365	276278	200204	175179	303303
North Central Pacific	Phoenix	Birnie619	330350	308312	216218	171189	252264	352352	319327	209259	147177	199211	349351	272280	192206	151175	297305
North Central Pacific	Phoenix	Birnie620	338342	300308	218218	173187	252258	352354	311319	207207	175183	191211	349351	270280	202208	167175	301303
North Central Pacific	Phoenix	Enderbury001	342342	304304	218220	185187	255255	352352	315327	217241	171187	191223	345347	266270	202212	175175	297303
North Central Pacific	Phoenix	Enderbury004	346346	304304	216218	173207	252252	352352	319333	245247	149153	191211	353353	270272	200206	173173	339339
North Central Pacific	Phoenix	Enderbury005	338338	300308	216218	185197	240252	352352	315327	207239	159163	191207	345353	278282	206206	171173	299301

North Central Pacific	Phoenix	Enderbury006	342342	304308	218218	165185	246252	352354	327335	273273	169175	211219	347361	272272	206218	173175	301301
North Central Pacific	Phoenix	Enderbury007	326326	300304	218218	165189	255255	352352	327329	211269	159171	191223	349353	270270	200208	173173	301303
North Central Pacific	Phoenix	Enderbury008	330362	304304	218218	173175	252252	352354	327331	239261	159163	191207	353353	270278	200206	173175	305337
North Central Pacific	Phoenix	Enderbury009	354354	304304	216218	189193	246246	352352	327327	249271	165197	191191	345353	278278	206208	169175	299329
North Central Pacific	Phoenix	Enderbury011	342358	304312	218218	169183	252252	352354	327331	207219	165177	211223	353369	272272	206210	167173	297299
North Central Pacific	Phoenix	Enderbury536	338354	308316	218218	165201	249249	352354	327327	209227	163179	211223	353353	278278	208212	173175	297327
North Central Pacific	Phoenix	Enderbury537	338338	304308	218218	165173	246252	352352	331335	215219	163191	211227	345359	266272	206212	169173	291301
North Central Pacific	Phoenix	Enderbury538	330350	292308	218220	173183	249249	352354	319321	229229	171189	223223	353357	270278	200206	167177	297303
North Central Pacific	Phoenix	Enderbury539	334342	304304	218218	173179	249264	352352	313335	221265	165185	211223	345349	270270	206206	173173	297301
North Central Pacific	Phoenix	Enderbury540	322354	308308	216218	173193	249252	352354	313327	231239	165167	191207	353353	270272	192216	171175	293295
North Central Pacific	Phoenix	Enderbury541	342358	304312	216216	165173	252258	352352	325327	217225	147161	191223	345359	280282	206212	167175	295305
North Central Pacific	Phoenix	Enderbury542	350354	296320	218218	185193	252255	352354	327327	239249	161175	207207	353353	270276	212212	169173	299301
North Central Pacific	Phoenix	Enderbury543	342342	300312	216216	165173	252264	352352	325331	213215	161171	203223	347359	274280	206212	167177	295299
North Central Pacific	Phoenix	Enderbury585	342346	296316	218218	165165	246252	352352	311335	207235	185187	227235	353353	270276	206208	169179	295301
North Central Pacific	Phoenix	Enderbury586	342350	300308	218218	175189	252252	352352	313331	229233	159175	223223	345359	270278	212214	173173	293297
North Central Pacific	Phoenix	Enderbury601	350350	308312	218218	171175	252252	352354	311331	217217	171179	191223	349353	272278	194204	167169	297301
North Central Pacific	Phoenix	Enderbury602	326350	312312	216218	185193	252252	352352	317317	229249	165187	207211	353353	270280	206208	167171	297301
North Central Pacific	Phoenix	Enderbury603	334334	304308	218218	169173	252252	352352	319349	205229	147181	211211	345353	270278	210210	171175	295303
North Central Pacific	Phoenix	Kanton042	314330	300304	212218	173183	255255	352352	321335	249249	151163	207211	345353	278278	206208	157175	291301
North Central Pacific	Phoenix	Kanton043	330346	304308	216218	173193	255255	352352	321331	221259	169177	211211	345353	270278	204206	173173	301303
North Central Pacific	Phoenix	Kanton073	342358	300300	218218	173173	252252	354354	319327	219235	159169	223223	353353	278278	200208	173175	301305
North Central Pacific	Phoenix	Kanton075	342350	296300	218218	165183	252255	352352	327329	221265	151163	191227	345353	266278	212214	169175	293329
North Central Pacific	Phoenix	Kanton094	346346	304304	218218	173183	252252	352352	319327	249249	159181	199211	345359	270280	206206	167175	301303
North Central Pacific	Phoenix	Kanton096	330346	304308	218218	175185	252264	352352	317327	247247	155187	211223	349355	270278	200200	169173	301305
North Central Pacific	Phoenix	Kanton512	338358	300308	216218	187193	246252	352352	311327	207233	153179	191191	345347	270278	208210	169173	271301
North Central Pacific	Phoenix	Kanton514	342350	300300	216218	171195	246252	348352	311311	207233	169169	191199	347353	270272	206212	155173	293303
North Central Pacific	Phoenix	Kanton515	334338	304312	216220	171171	252252	352352	313321	223223	155167	191235	347359	276278	208210	173175	301339
North Central Pacific	Phoenix	Kanton516	338354	300304	216218	171189	246255	352352	329329	233265	151179	199223	353353	270280	200206	167175	269297
North Central Pacific	Phoenix	Kanton517	338350	304304	218220	171185	246252	352352	311319	207233	175177	191211	353359	270278	204206	155167	301303
North Central Pacific	Phoenix	Kanton518	346350	308316	216218	173193	246246	352354	331335	209223	163173	211227	357367	270282	200208	155175	271293
North Central Pacific	Phoenix	Kanton519	330350	304308	216218	165171	252252	352352	331335	207251	169175	223235	345359	270278	202212	167169	301303

North Central Pacific	Phoenix	Kanton521	322322	300304	216218	173173	252252	352354	319331	207217	155157	211211	359367	278278	206208	173175	291301
North Central Pacific	Phoenix	Kanton522	334342	304308	218218	173185	252270	352354	327329	227227	163185	191219	345351	270280	212214	157171	301301
North Central Pacific	Phoenix	Kanton523	334350	300300	216218	189191	252255	352352	315329	247247	177195	227235	347353	266276	200206	173173	293299
North Central Pacific	Phoenix	Kanton524	322362	304308	216218	189191	252261	352354	327333	223239	159159	199227	353353	270278	212218	157173	301301
North Central Pacific	Phoenix	Kanton525	322326	304304	218218	183191	246252	352352	319327	203241	145167	199227	349359	270272	210212	173175	299343
North Central Pacific	Phoenix	Kanton526	338342	308312	216218	185187	249255	352352	319335	213221	153177	211211	353359	270278	200214	173175	301303
North Central Pacific	Phoenix	Kanton527	334350	300304	218218	173183	246252	352352	323335	227235	179189	223227	357367	270278	202204	173173	297301
North Central Pacific	Phoenix	Kanton528	338358	300316	218218	173189	252252	352352	327327	207207	149173	211211	353353	278278	194206	173175	301337
North Central Pacific	Phoenix	Kanton529	342342	300308	216218	187189	252255	352352	319319	231231	149159	191199	353357	270278	204206	167175	301335
North Central Pacific	Phoenix	Kanton530	338342	296308	218218	181197	252252	352352	317329	207265	163173	223223	345353	270270	206216	167175	293303
North Central Pacific	Phoenix	Kanton531	322322	304316	218218	165173	252252	352352	319335	229239	175175	207211	345353	278278	194210	173173	297303
North Central Pacific	Phoenix	Kanton532	342362	304304	216218	165183	252252	354354	319337	207243	171175	211223	345353	270280	206208	167173	297299
North Central Pacific	Phoenix	Kanton533	322322	304316	218218	193193	246252	352354	327331	249251	179181	199223	345367	270276	206208	167175	295297
North Central Pacific	Phoenix	Kanton534	338370	300304	216218	193201	246246	352352	313331	251265	159185	223235	355367	270272	206210	169173	303303
North Central Pacific	Phoenix	Manra651	322358	300308	216216	183201	246264	352354	317335	207217	167177	223227	353353	270270	200202	173175	295303
North Central Pacific	Phoenix	Manra652	346350	300312	216218	183189	252255	352354	331333	223249	171175	211211	345349	270280	208214	173175	293347
North Central Pacific	Phoenix	McKean696	342350	304304	216218	183185	252252	352352	315319	229229	157159	191211	355357	270278	194206	169171	337339
North Central Pacific	Phoenix	McKean697	330338	308308	216218	171171	252252	352352	321331	225265	157163	211211	347349	278278	192206	167169	291301
North Central Pacific	Phoenix	McKean698	326338	304312	216216	177187	252255	352352	319321	207253	155159	191191	353353	278278	194204	175175	303303
North Central Pacific	Phoenix	McKean699	346346	300308	218218	175191	255255	352354	327327	207243	181189	191211	343367	270272	206212	173177	297303
North Central Pacific	Phoenix	McKean700	322322	296316	218218	173183	246264	352352	327333	217225	151157	191235	353353	278278	206212	169173	291293
North Central Pacific	Phoenix	McKean701	338362	300308	218218	171189	246252	352352	329333	207213	177191	223223	353367	270274	192206	169175	303333
North Central Pacific	Phoenix	McKean702	338350	308308	216218	165189	252252	352352	319333	207213	159161	223223	349353	272272	210212	171175	297301
North Central Pacific	Phoenix	McKean703	334338	300304	218218	159165	240252	352352	317329	247247	169169	191227	353353	278278	206210	173175	303339
North Central Pacific	Phoenix	McKean704	342354	300308	218218	171195	252261	352352	315317	249265	165185	191211	345353	272276	192206	171175	293303
North Central Pacific	Phoenix	McKean705	330354	300304	218218	165185	246252	352352	327331	223261	163171	207223	361369	270278	192206	173177	293303
North Central Pacific	Phoenix	McKean710	334354	304308	216218	183197	252252	352352	327327	203267	155159	207223	345345	278278	206212	175177	297301
North Central Pacific	Phoenix	McKean714	346362	300304	212218	183191	252261	352352	311333	211225	169179	199199	353361	270278	200206	171179	299301
North Central Pacific	Phoenix	McKean715	354354	304308	218218	165173	246252	352352	327339	245265	171181	199207	343347	274278	206206	171175	301303
North Central Pacific	Phoenix	McKean716	322350	300304	216218	167183	246252	352352	311321	207231	147151	191199	353357	270282	206214	167169	295305
North Central Pacific	Phoenix	McKean717	322346	296304	218218	173185	252252	352352	321321	271271	147157	203227	353361	270272	202212	167177	299301

North Central Pacific	Phoenix	McKean718	342346	304308	216218	171171	252261	352352	333333	205255	153171	211223	345345	274278	206206	155173	297303
North Central Pacific	Phoenix	McKean719	350350	296304	218218	165183	246252	352354	313321	223223	147151	211235	345347	270278	206206	169175	299313
North Central Pacific	Phoenix	McKean720	322358	296304	216218	191193	252252	352354	319331	231239	151163	191227	345345	276278	200208	171175	293297
North Central Pacific	Phoenix	McKean721	342342	296304	216218	173183	246252	352354	329341	249249	153175	191223	353353	270270	206206	173175	301303
North Central Pacific	Phoenix	McKean722	342346	304304	218220	189191	252252	352354	311319	223229	173183	203207	355355	274278	206214	175175	303303
North Central Pacific	Phoenix	McKean723	326338	308312	218218	173183	252252	352352	313343	207265	159173	223227	345355	270278	208214	173175	297299
North Central Pacific	Phoenix	McKean724	338354	304304	216218	171183	252252	354354	311315	235249	147165	203223	351365	266280	212216	167175	301303
North Central Pacific	Phoenix	McKean725	342350	308308	216218	171201	252252	352354	315333	211265	147165	191191	345353	270272	206206	171179	297303
North Central Pacific	Phoenix	McKean726	342354	316316	216218	173191	246252	352352	317347	207207	177191	223223	345355	272274	200212	173175	301301
North Central Pacific	Phoenix	Niku289	338342	304304	216218	173185	246252	352356	317319	217217	159181	207223	345347	266278	204204	173173	303329
North Central Pacific	Phoenix	Niku291	334354	296304	218220	171189	252255	352352	327335	205223	177191	207219	345353	270270	208212	167173	297297
North Central Pacific	Phoenix	Niku292	350350	296304	216218	173183	240252	352352	321327	243247	161163	199223	357359	266280	210210	169175	293301
North Central Pacific	Phoenix	Niku293	342354	304308	218218	183191	252252	352352	321331	205257	147171	191211	353353	270280	200208	155175	291301
North Central Pacific	Phoenix	Niku294	322350	308308	216218	193197	246246	352354	321329	247247	155163	199227	353367	272276	208214	169171	303339
North Central Pacific	Phoenix	Niku295	338338	300312	212216	173175	252252	352352	311321	227263	175183	219219	347353	278278	208210	169175	297301
North Central Pacific	Phoenix	Niku296	326374	304304	216216	173183	255255	352352	313329	217227	147185	191223	345353	270270	200212	169175	297297
North Central Pacific	Phoenix	Niku297	314346	296312	216216	173193	264264	352356	321333	207223	147155	191235	345345	272280	194206	171177	297299
North Central Pacific	Phoenix	Niku298	326334	296320	218218	173175	252252	352354	321353	217241	171179	211223	353353	278280	206206	155167	293297
North Central Pacific	Phoenix	Niku299	334338	300300	218220	165183	252264	352354	313319	265265	153175	207235	349365	270270	200214	173175	295301
North Central Pacific	Phoenix	Niku331	334342	308308	218218	165187	252252	352352	317329	203245	159181	223235	349349	270270	206206	155175	297301
North Central Pacific	Phoenix	Niku334	350354	304316	218218	165183	252255	352352	311319	233233	153175	199223	345353	270280	200208	155175	297301
North Central Pacific	Phoenix	Niku337	338370	300304	216218	165191	246252	352352	325349	223223	159187	191223	345353	276278	206208	173175	293297
North Central Pacific	Phoenix	Niku355	330346	304304	216218	165183	252252	352352	327327	223223	153159	227227	347357	278282	206206	175175	299303
North Central Pacific	Phoenix	Niku356	338374	304304	216218	183189	252255	352352	329331	217251	147169	211223	345347	270272	206212	155173	293303
North Central Pacific	Phoenix	Niku357	338346	304312	218218	167183	252252	352352	329333	207207	153171	215227	353357	280280	210212	169173	301307
North Central Pacific	Phoenix	Niku361	318342	304304	218220	171197	246252	352352	319331	241251	159167	211223	347359	278280	206206	173173	287299
North Central Pacific	Phoenix	Niku362	322366	304304	218218	185193	252255	352354	321327	247247	177183	235235	345357	270272	194206	167175	299299
North Central Pacific	Phoenix	Niku363	338338	304312	218218	173177	246252	352352	319335	243265	159169	199211	353353	270278	206212	173175	297301
North Central Pacific	Phoenix	Niku365	326346	312312	218218	189197	252252	352352	311327	217227	161177	191227	353357	270272	210212	171175	297303
North Central Pacific	Phoenix	Niku366	366366	304308	216216	183189	252252	352354	313331	271271	179183	207207	345353	276278	206206	173173	299339
North Central Pacific	Phoenix	Niku369	338342	300304	218218	165173	264264	352352	311327	231267	165195	199227	345353	270278	210210	171173	297299

North Central Pacific	Phoenix	Niku375	346358	300304	212218	187189	252252	352352	327331	223265	151161	211211	351383	270270	200204	173177	293297
North Central Pacific	Phoenix	Niku381	334334	296316	218218	175189	252252	352352	313319	233247	155185	223235	345353	270278	206208	173179	301301
North Central Pacific	Phoenix	Niku384	338346	304308	218218	183187	246252	352352	319329	229269	159163	199223	347353	272278	206206	169169	293303
North Central Pacific	Phoenix	Niku385	334334	304308	218218	173189	252264	352352	321323	225263	157179	191211	353357	270270	206214	175175	301305
North Central Pacific	Phoenix	Niku386	342342	296300	216218	173175	246255	352354	321327	243265	169179	211211	345353	278278	206212	167173	287295
North Central Pacific	Phoenix	Niku387	334350	296304	218218	165175	246252	352354	313335	207269	155177	207235	345353	270272	200206	175175	299343
North Central Pacific	Phoenix	Niku735	342350	300304	218218	173185	252252	352352	313315	227233	171173	211211	353353	270270	192210	173173	299301
North Central Pacific	Phoenix	Niku737	334350	304308	216218	193199	252255	352354	313317	231261	157177	199219	357367	270272	206210	155167	303337
North Central Pacific	Phoenix	Niku738	322354	300316	216218	183189	249252	352352	319319	217233	147175	211227	345353	270278	206210	167173	301303
North Central Pacific	Phoenix	Niku739	338354	304316	218218	171185	246255	352352	321327	225271	179185	211211	353361	270270	204206	171175	301301
North Central Pacific	Phoenix	Niku740	362362	300312	218218	183189	249252	352352	327329	221245	153169	223227	353353	270274	200206	169175	295301
North Central Pacific	Phoenix	Niku741	342346	300304	218218	193197	252252	352352	331343	207247	169171	207215	345367	270278	200206	173175	291301
North Central Pacific	Phoenix	Niku742	330334	300308	216218	171193	252252	352354	329335	215247	171183	199211	347353	278280	192208	169175	295303
North Central Pacific	Phoenix	Niku743	334338	308312	216218	173193	252252	352352	329331	207251	175177	199199	345365	278278	192204	173173	301339
North Central Pacific	Phoenix	Niku744	354354	300308	216218	183187	246252	352352	327331	209245	153167	211223	345357	270278	204210	175179	297339
North Central Pacific	Phoenix	Niku745	338370	300304	216218	165191	246252	352352	325347	223231	179189	191191	345353	276278	206208	173175	293297
North Central Pacific	Phoenix	Niku747	330338	300308	218218	171205	246252	352352	319339	241265	175185	199211	359365	270280	210212	155171	301339
North Central Pacific	Phoenix	Niku762	334338	300300	218220	165183	252264	352354	313319	265265	153175	207235	349365	270270	200214	173175	295301
North Central Pacific	Phoenix	Niku784	330334	304304	218218	165183	246252	352354	325327	207247	175177	199227	353353	270272	200206	169175	295297
North Central Pacific	Phoenix	Niku805	318354	304316	218218	193197	246246	352352	319319	235251	159167	223223	353359	280280	204206	167173	287293
North Central Pacific	Phoenix	Niku806	354354	304308	218218	173187	252252	352352	323329	217217	155155	199211	345355	270270	200206	173175	303327
North Central Pacific	Phoenix	Niku816	334338	300304	218218	189197	252252	352352	327329	237247	175175	191211	353353	278278	200206	167177	303303
North Central Pacific	Phoenix	Orona151	326346	300312	218218	173193	249252	352352	329333	207231	163163	199223	345353	270274	212212	169175	287305
North Central Pacific	Phoenix	Orona184	334358	300304	212218	173183	246264	352354	321323	207207	151187	211211	365365	276278	204206	169175	279301
North Central Pacific	Phoenix	Orona186	322358	300304	218218	173189	249255	352352	319327	247247	175181	203211	345353	270272	200206	175175	305307
North Central Pacific	Phoenix	Orona192	350354	300304	216218	173175	255255	352356	321327	219227	147161	191223	353359	270278	208214	155173	287301
North Central Pacific	Phoenix	Orona218	342366	300304	216218	165189	252252	352352	321327	241241	163165	199223	345367	270280	192200	173173	299303
North Central Pacific	Phoenix	Orona219	314354	304304	216218	185189	252252	352352	313327	227247	177189	191223	345353	270270	206216	167173	295297
North Central Pacific	Phoenix	Orona221	350350	304304	218218	173175	246252	352354	327327	207245	185185	227227	345353	274278	206212	169173	301303
North Central Pacific	Phoenix	Orona223	342366	300304	216218	169173	246252	352352	319349	223223	155159	191211	359359	270272	204206	165173	301301
North Central Pacific	Phoenix	Orona270	342346	296304	218218	173187	246261	352352	319319	251251	157179	207227	345355	272278	206206	175175	299299

North Central Pacific	Phoenix	Orona653	326338	300304	214218	189193	252252	352352	319327	265265	155155	191211	345345	270278	204206	173173	293303
North Central Pacific	Phoenix	Orona654	342354	304304	216218	185201	252252	352352	319331	243269	167173	223227	349353	270276	200200	173181	301307
North Central Pacific	Phoenix	Orona679	350370	304312	218218	171183	246252	352352	327335	205223	153157	191199	353359	270272	200206	173175	301339
North Central Pacific	Phoenix	Rawaki413	338338	296304	218218	179195	246252	352352	323329	219265	175179	211211	345351	270278	208214	169175	291295
North Central Pacific	Phoenix	Rawaki414	318346	304312	216218	171193	240252	352354	313331	207233	159163	211231	349355	266272	200206	173173	293307
North Central Pacific	Phoenix	Rawaki415	346354	304312	218218	165183	240252	352352	325331	231247	159167	199199	345357	276278	200206	169175	301339
North Central Pacific	Phoenix	Rawaki644	342354	296300	216218	173183	252258	352352	321335	207207	159159	211211	353367	278278	210214	167173	301303
North Central Pacific	Phoenix	Rawaki645	322358	304304	218218	181191	249252	352352	327351	217243	167183	191199	353355	278280	206206	151175	293301
North Central Pacific	Phoenix	Rawaki646	338350	304304	218218	173195	264264	352354	325325	235259	159173	211211	349361	278280	200206	169175	301301
North Central Pacific	Phoenix	Rawaki647	322322	308312	216218	165187	252252	352354	323331	215227	171183	199223	347361	270270	200206	169173	301301
North Central Pacific	Phoenix	Rawaki648	322358	300304	216218	165209	252261	352354	321325	217251	157175	199223	345353	270272	206206	169175	301301
North Central Pacific	Phoenix	Rawaki649	334354	304312	216216	173173	246261	352354	319331	223261	171175	199211	353353	272280	206206	175177	301301
North Central Pacific	Phoenix	Rawaki650	322350	304304	216218	183201	246252	352352	327335	207273	157183	203227	347347	266272	200204	171175	291297
North Central Pacific	Phoenix	Rawaki713	326342	300304	218218	181203	264264	352352	329335	223253	173175	199207	347349	272280	200208	173175	295301
North Central Pacific	Phoenix	Winslow275	326346	304308	216216	183187	252255	352352	319333	235241	153159	211211	349353	270270	206210	167175	301353
North Central Pacific	Phoenix	Winslow276	338338	304312	218218	193197	252261	352352	321335	241249	153179	219223	353357	270270	192208	173173	297301
North Central Pacific	Phoenix	Winslow277	326342	304308	216218	185189	249258	352354	321333	251251	157159	191207	345351	266278	200206	155173	295301
North Central Pacific	Phoenix	Winslow278	334342	296308	216216	183191	246252	352352	319327	207239	151179	191223	345357	270270	202208	171173	297301
North Central Pacific	Phoenix	Winslow282	334342	304304	212218	165189	252252	352354	317317	207247	155159	211227	353355	272276	200204	171177	297305
North Central Pacific	Phoenix	Winslow283	330338	304312	218218	175187	255264	352352	325335	207263	155181	211235	353353	270278	200210	175175	301303
South Central Pacific	Society	Motu01	330358	304312	218218	175189	252255	352352	311329	207265	183185	223223	345353	272278	206208	169173	301337
South Central Pacific	Society	Motu02	354354	300316	216218	171185	240255	352352	311335	241243	177181	199223	357361	270270	206206	169175	295299
South Central Pacific	Society	Motu03	330350	308312	216218	187199	252252	354354	311327	217229	153177	207223	353355	274280	206206	169169	295303
South Central Pacific	Society	Polynesie20	342362	304308	218218	169193	252252	352354	331331	207229	153183	191227	345345	272276	200206	173175	293301
South Central Pacific	Society	Polynesie21	330354	300316	218218	171191	246255	352352	319333	227245	173183	191207	345355	274280	212214	169175	301303
South Central Pacific	Society	Polynesie22	338350	308308	218218	171171	252252	352354	311329	215239	147187	207211	349359	270272	206210	169173	299303
South Central Pacific	Society	Polynesie23	334350	304308	216218	181197	246252	352354	311311	225237	147161	211223	345359	270270	206212	173179	293293
South Central Pacific	Society	Polynesie24	342346	300308	218218	189191	246252	352352	327329	223227	173173	223223	345349	276278	206214	167173	297303
South Central Pacific	Society	Tiki01	318338	300300	218218	183201	252252	352352	327331	213229	181181	191219	345353	270274	210210	167167	297299
South Central Pacific	Society	Tahiti38	330330	300308	218218	165173	252252	352352	327329	235235	181185	219223	345345	270280	204214	173179	301303
South Central Pacific	Society	Tahiti39	326330	304304	216218	165189	252255	352352	313331	215247	147173	207223	353353	270278	206206	169175	301301

South Central Pacific	Society	Tahiti40	338342	308312	216218	173187	246246	352352	333335	209265	147183	199223	345357	270278	206208	169173	333333
South Central Pacific	Society	Tahiti41	350350	300304	218218	173175	249249	352354	313327	207231	159169	199211	345345	270280	200212	169173	293303
South Central Pacific	Society	Tahiti42	326330	296304	218218	173173	252252	352352	313327	233235	183183	207211	345355	280280	206212	169175	301301
South Central Pacific	Tuamotu	Tuam01	302326	304308	216218	187189	252255	352352	313313	209227	165183	207207	345349	270278	204212	169177	299299
South Central Pacific	Tuamotu	Tuam02	302342	308312	218218	173187	246246	352352	319327	235235	167169	207223	349353	270278	204210	171173	301303
South Central Pacific	Tuamotu	Tuam03	338342	296308	218218	187201	246246	352354	313327	215233	147161	211223	345357	270278	206212	169173	293301
South Central Pacific	Tuamotu	Tuam04	338342	296308	218218	187201	246246	352354	311327	215233	147161	211223	345357	270278	206212	169173	293301
South Central Pacific	Tuamotu	Tuam05	334350	300304	216218	183191	246261	352352	311327	239239	153181	191223	347353	270272	206208	175179	299303
South Central Pacific	Tuamotu	Tuam06	338346	296304	218218	189189	246246	352352	319319	231251	147147	211227	345345	278278	204206	167173	303303
South Central Pacific	Tuamotu	Tuam07	330330	300308	218218	173183	246246	352354	313327	265265	155169	191211	355355	276278	206208	173175	303337
South Central Pacific	Tuamotu	Tuam08	326326	296312	218218	187189	252252	352354	313331	265265	169183	211223	345353	272278	200200	171173	299303
South Central Pacific	Tuamotu	Tuam09	342342	304308	218218	187191	252252	352352	313329	207207	159177	191211	353359	278280	206210	169179	293301
South Central Pacific	Tuamotu	Tuam10	366366	304316	218218	173193	246246	352352	331335	205233	171189	211227	349359	270278	204206	175175	303303
South Central Pacific	Tuamotu	Tuam11	302334	296308	216216	177183	249249	352352	327327	243247	159175	191211	351353	270282	200208	173179	301303
South Central Pacific	Tuamotu	Tuam12	330338	308312	218218	183183	252261	352354	313327	209209	147167	211211	345349	270278	208212	173173	301301
South Central Pacific	Tuamotu	Tuam13	330338	304308	218218	165193	246249	352354	331331	209209	159181	219223	345359	270278	206212	173175	299303
South Central Pacific	Tuamotu	Tuam14	338338	304312	218218	189195	246255	352354	313331	233259	147165	207207	345355	276280	206206	169173	301303
South Central Pacific	Tuamotu	Tuam15	330342	304308	212216	175189	264264	352352	313313	209237	147147	211223	345353	280280	206206	175175	303303
South Central Pacific	Tuamotu	Tuam16	330350	308312	218218	189189	252252	352352	317327	217269	151151	191227	345357	270278	206206	169169	299301
South Central Pacific	Tuamotu	Tuam17	334342	296300	218218	173183	255255	352352	329335	207239	147189	211223	347361	270278	200206	171179	293293
South Central Pacific	Tuamotu	Tuam18	334346	300304	218218	173199	252270	352354	311331	215231	159169	207227	351353	270270	206212	173175	299303
South Central Pacific	Tuamotu	Tuam19	338338	304308	218218	193193	249249	352352	311319	261261	159169	211223	345359	266270	212212	167173	291303
South Central Pacific	Tuamotu	Tuam20	346346	304308	218218	187189	252258	352352	311319	207265	177179	191223	357359	278280	200204	169175	299303
South Central Pacific	Tuamotu	Tuam21	322338	304308	216218	173183	246255	352352	321327	249265	151169	211223	349359	278280	200208	169173	293299
South Central Pacific	Tuamotu	Tuam22	334338	304304	218218	175201	246252	352352	311319	207225	147147	207223	345345	280280	206210	173179	297299
South Central Pacific	Tuamotu	Tuam23	330354	296312	216218	177191	264264	352354	327333	231271	165177	211211	345345	270270	200200	155177	301301
South Central Pacific	Tuamotu	Tuam24	334338	304308	218218	193201	249249	352352	331333	239241	169183	191207	345359	278278	206212	171173	299303
South Central Pacific	Tuamotu	Tuam25	342342	300304	218218	175193	249249	352354	327327	207261	155171	191223	345351	274282	200214	171175	301339
South Central Pacific	Tuamotu	Tuam26	330354	296296	218220	173201	249249	352352	313329	215233	155165	191207	345355	278278	206212	169173	299303
South Central Pacific	Tuamotu	Tuam27	322338	304308	216218	175187	249252	352352	313319	207207	171183	207223	345353	272272	200208	173175	299303
South Central Pacific	Tuamotu	Tuam28	350350	308308	218218	165189	246255	352354	319331	207213	161165	207211	357361	276276	206212	173173	293303

South Central Pacific	Tuamotu	Tuam29	354362	300300	218218	173195	252252	352352	313327	239239	155181	191207	345359	270280	200204	173173	299303
South Central Pacific	Tuamotu	Tuam30	346350	308308	218218	183201	249252	352354	319327	207233	175189	223223	355359	270270	192200	169173	303303
South Central Pacific	Tuamotu	Tuam31	354354	304308	216218	165189	252255	352352	329331	265265	155161	207207	347361	270278	206210	169175	301303
South Central Pacific	Tuamotu	Tuam32	338338	308312	216218	173187	246246	352352	321335	207239	155179	211211	353359	270270	200206	169173	299299
South Central Pacific	Tuamotu	Tuam33	342354	300304	218218	173173	249249	352352	327335	217223	177177	211211	353359	272280	206212	171171	301301
South Central Pacific	Tuamotu	Tuam34	330354	296296	218220	173173	252252	352352	313327	243247	155181	199199	353369	270280	192210	173173	287287
South Central Pacific	Tuamotu	Tuam35	350364	304308	218218	193193	252252	352352	333337	239265	169177	207219	349359	272278	204204	171173	293303
South Central Pacific	Tuamotu	Tuam36	350364	304308	218218	165187	246255	352354	313331	207233	163189	199211	345351	278280	206206	173175	293303
South Central Pacific	Tuamotu	Tuam37	362362	300304	218218	165173	246252	352354	313313	213233	155163	207223	345347	278278	208212	169175	279297
South Central Pacific	Tuamotu	Faaite01	350354	296300	216218	173175	252252	352352	327335	217221	177177	211211	353359	272280	206212	171171	301301
South Central Pacific	Tuamotu	Faaite02	338338	304308	216218	169183	252252	352352	311327	243247	155181	199199	353369	270280	192210	173173	287287
South Central Pacific	Tuamotu	Faaite03	330346	300308	216218	191197	246252	352352	333337	239265	169177	207219	349359	272278	204204	171173	293303
South Central Pacific	Tuamotu	Faaite04	330342	304304	216218	189189	252255	352354	311331	207233	163187	199211	345351	278280	206206	173175	293303
South Central Pacific	Tuamotu	Faaite05	338358	304304	218218	183199	255261	352354	311311	213233	155163	207223	345347	278278	208212	169175	269297
South Central Pacific	Tuamotu	Nengo01	346346	304308	218218	189193	255261	352352	311317	207231	155159	191191	345353	270280	200206	167173	303333
South Central Pacific	Tuamotu	Nengo02	302330	296304	218220	165201	246255	352352	317331	209209	159165	211211	345347	272278	206210	173173	295301
South Central Pacific	Tuamotu	Nengo03	330334	296304	218218	165171	252252	352354	311327	247247	155185	191223	345353	278278	204204	169173	269301
South Central Pacific	Tuamotu	Nengo04	330354	304304	218218	193197	252252	352354	317327	213213	181187	211223	353359	270272	206210	167175	301301
South Central Pacific	Tuamotu	Polynesie01	302338	304312	218218	183193	252252	352352	327331	213225	151155	207211	347353	274278	206212	173175	293303
South Central Pacific	Tuamotu	Polynesie02	330338	300300	218218	171189	252255	352352	327327	207231	147163	211223	353375	270278	208210	173175	295303
South Central Pacific	Tuamotu	Polynesie03	338338	308312	216218	183191	252252	352354	311319	207237	155187	211223	349357	272276	208210	173179	297299
South Central Pacific	Tuamotu	Polynesie04	338338	308312	218218	183191	252252	352352	311335	235239	147155	207211	353359	272276	194206	167177	301347
South Central Pacific	Tuamotu	Polynesie05	350354	296300	218218	183191	246255	352352	311327	207239	147151	211211	345347	270278	204212	171173	291303
South Central Pacific	Tuamotu	Polynesie06	342346	296304	218218	183191	252255	352354	323327	213217	151161	207223	345353	270278	200208	169173	301301
South Central Pacific	Tuamotu	Polynesie07	334338	300304	218218	181199	252255	352352	311327	229229	147163	191211	359361	272280	206208	173175	301303
South Central Pacific	Tuamotu	Polynesie08	338338	308308	218218	171189	252261	352352	319335	239265	147179	211211	347369	270278	210212	169179	303303
South Central Pacific	Tuamotu	Polynesie09	342354	304308	218218	171191	246246	352352	311327	217239	147165	211223	347353	272276	192212	173183	297301
South Central Pacific	Tuamotu	Polynesie10	346358	300300	218218	171189	246252	352352	319327	221247	147177	223223	345359	270278	206212	175175	297301
South Central Pacific	Tuamotu	Polynesie11	322326	304312	218218	173195	246252	352352	311311	227229	155179	223223	345345	270278	210210	169171	301303
South Central Pacific	Tuamotu	Polynesie12	326338	300300	216218	171171	249252	352352	327331	245265	147165	211223	349353	270280	210212	169175	301301
South Central Pacific	Tuamotu	Polynesie13	338346	304308	218218	171187	246249	352352	311319	207229	147183	211211	353359	270278	206206	167169	303303

South Central Pacific	Tuamotu	Polynesie14	330330	304304	218218	173193	252255	352354	327333	213235	171177	211223	353361	270270	200206	171173	301303
South Central Pacific	Tuamotu	Polynesie15	342346	304308	218218	171191	246252	352354	331331	221265	151181	191219	349353	272278	206212	169173	295301
South Central Pacific	Tuamotu	Polynesie16	338342	296308	216218	183191	246249	352352	311333	265265	151185	223223	345353	272278	210212	167169	301303
South Central Pacific	Tuamotu	Polynesie17	334354	300312	218218	189189	252255	352352	311321	209209	159165	223223	349359	276278	206206	167173	303303
South Central Pacific	Tuamotu	Polynesie18	322342	304308	218218	173173	252255	352352	333335	207213	155165	191227	345351	270278	200212	173175	303303
South Central Pacific	Tuamotu	Polynesie19	330338	308312	216218	171189	246252	352352	311327	225247	147171	191207	355359	270278	204204	169173	287301
South Central Pacific	Tuamotu	Polynesie25	350350	304304	218218	183201	246255	352354	327331	209265	155171	211211	353353	280280	206212	173173	303303
South Central Pacific	Tuamotu	Polynesie26	000000	300304	212218	169179	246258	352352	311327	207227	159183	211223	345353	270278	206216	171173	297303
South Central Pacific	Tuamotu	Polynesie27	334338	300308	218218	165193	240252	352352	311331	207233	173175	223223	000000	270278	206206	167173	295303
South Central Pacific	Tuamotu	Polynesie28	330350	296312	216218	183197	252261	352354	327327	227233	147163	191207	345345	276280	206210	167173	301303
South Central Pacific	Tuamotu	Polynesie29	334342	296300	218218	169173	252270	352354	327331	213237	159165	191223	353353	270270	206214	169175	303303
South Central Pacific	Tuamotu	Rangi01	350350	300312	218218	171187	252255	352352	327331	223243	151155	211227	345355	278280	206210	169175	301301
South Central Pacific	Tuamotu	Raraka1	000000	304308	218218	165171	246252	354354	327327	209241	157181	211223	345355	270280	206206	173179	299303
South Central Pacific	Tuamotu	Tapoto01	362370	304304	218218	195199	246252	352352	327341	209265	167171	211223	353353	278280	212212	171175	301303
South Central Pacific	Tuamotu	Tapoto02	346350	304308	218218	193197	255270	352352	319335	221235	155155	211223	353353	270278	192206	169173	301303
North Central Pacific	Tuvalu	Tuvalu01	362362	304308	216218	187193	246252	352354	327327	217231	163167	207211	345353	278282	204214	169173	297299
North Central Pacific	Tuvalu	Tuvalu02	326350	296312	218218	165187	246252	352354	331335	223223	151153	211211	345353	272276	200208	167171	299301
North Central Pacific	Tuvalu	Tuvalu03	342362	308308	218218	171187	252252	352354	311327	221227	165173	211211	345359	270280	202212	173175	269301
North Central Pacific	Tuvalu	Tuvalu04	334362	304308	210218	175187	240252	352354	311335	221245	157181	191227	353367	270278	194208	169173	301303