

Structure of
Database for
Seabirds of QLD
& Coral Sea Waters

Structure atabase for Seabi f Qld

Coral Saters

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Environment & Heritage

Content

Seabird

- taxonomy
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- feeding characteristics

Field data

- Coral Sea
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- Great Barrier Reef

El Nino Southern Oscillation

Islands

- Hopley's database
- Great Barrier Reef Marine Park Authority's database
- GBRMPA to Hopley
- PAT file
- GBRMPA to PAT file
- distances from coast/continental shelf edge

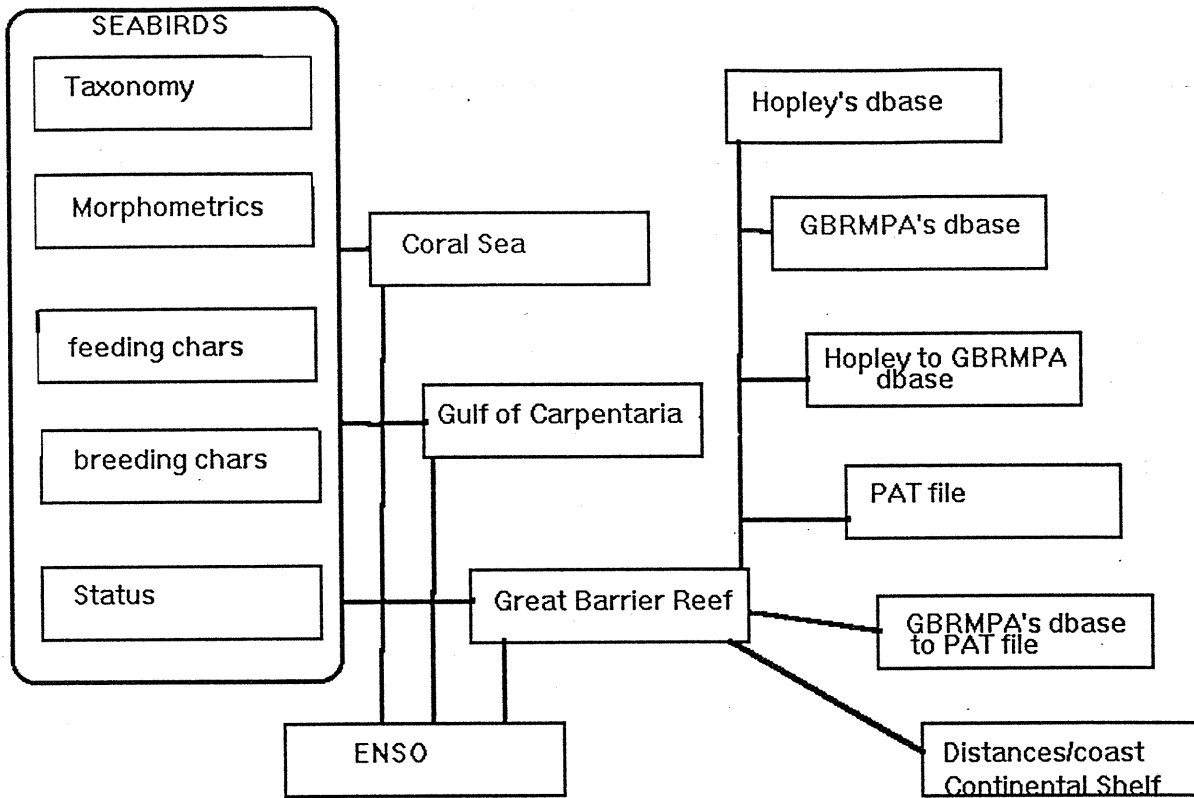


Figure 1. Overview of the relationships between various databases in the database for seabirds in Qld and Coral Sea waters

Columns

<u>Name</u>	<u>Type</u>	<u>Size</u>
atlas	Number (Double)	8
species	Text	33
name	Text	33
code	Text	24
order	Number (Double)	8

Table Indexes

<u>Name</u>	<u>Number of Fields</u>
PrimaryKey	1
Fields:	atlas, Ascending

SEABIRD TAXONOMY

25 5

atlas	species	name	code	order
69	<i>Puffinus pacificus</i>	Wedge-tailed Shearwater	S	11
94	<i>Fregata minor</i>	Great Frigatebird	GFB	23
95	<i>Fregata ariel</i>	Least Frigatebird	LFB	24
96	<i>Phalacrocorax carbo</i>	Great Cormorant	96	19
97	<i>Phalacrocorax sulcirostris</i>	Little Black Cormorant	LBC	21
99	<i>Phalacrocorax varius</i>	Pied Cormorant	PC	20
100	<i>Phalacrocorax melanoleucos</i>	Little Pied Cormorant	LPC	22
102	<i>Sula leucogaster</i>	Brown Booby	BB	17
103	<i>Sula sula</i>	Red-footed Booby	RFB	15
105	<i>Sula dactylatra</i>	Masked Booby	MB	16
106	<i>Pelecanus conspicillatus</i>	Australian Pelican	PEL	13
107	<i>Phaethon rubricauda</i>	Red-tailed Tropicbird	RTTB	25
108	<i>Phaethon lepturus</i>	White-tailed Tropicbird	108	26
112	<i>Hydroprogne caspia</i>	Caspian Tern	112	171
113	<i>Sterna dougallii</i>	Roscate Tern	RT	173
115	<i>Sterna bergii</i>	Crested Tern	CT	179
116	<i>Sterna bengalensis</i>	Lesser Crested Tern	LCT	180
117	<i>Sterna albifrons</i>	Little Tern	LT	178
119	<i>Sterna sumatrana</i>	Black-naped Tern	BNT	175
120	<i>Sterna fuscata</i>	Sooty Tern	ST	176
121	<i>Sterna anaethetus</i>	Bridled Tern	BT	177
122	<i>Anous stolidus</i>	Common Noddy	CN	181
124	<i>Anous minutus</i>	Black Noddy	BN	182
125	<i>Larus novaeollandiae</i>	Silver Gull	G	167
226	<i>Haliaeetus leucogaster</i>	White-bellied Sea-Eagle	SE	79
241	<i>Pandion haliaetus</i>	Osprey	OS	66
921	<i>Pterodroma arminjoniana</i>	Herald Petrel	921	7
955	<i>Pterodroma nigripennis</i>	Black-winged Petrel	955	9

Columns

<u>Name</u>	<u>Type</u>	<u>Size</u>
atlas	Number (Double)	8
international status	Text	50
west pacific status	Text	50
Australian status	Text	50
Qld status	Text	50
regional status	Text	50
local status	Text	50

Table Indexes

<u>Name</u>	<u>Number of Fields</u>
PrimaryKey	1
Fields:	atlas, Ascending

SEABIRD STATUS

29.

atlas	international status	west pacific status	Australian status	Qld status	regional status	local status
690	0	0	0	0	0	0
940	0	0	0	0	0	0
950	0	0	0	0	0	0
960	0	0	0	0	0	0
970	0	0	0	0	0	0
990	0	0	0	0	0	0
1000	0	0	0	0	0	0
1020	0	0	0	0	0	0
1030	0	0	0	0	0	0
1050	0	0	0	0	0	0
1060	0	0	0	0	0	0
1070	0	0	0	0	0	0
1080	0	0	0	0	0	0
1120	0	0	0	0	0	0
1130	0	0	0	0	0	0
1150	0	0	0	0	0	0
1160	0	0	0	0	0	0
1170	0	0	0	0	0	0
1190	0	0	0	0	0	0
1200	0	0	0	0	0	0
1210	0	0	0	0	0	0
1220	0	0	0	0	0	0
1240	0	0	0	0	0	0
1250	0	0	0	0	0	0
2260	0	0	0	0	0	0
2410	0	0	0	0	0	0
9210	0	0	0	0	0	0
9550	0	0	0	0	0	0

Columns

<u>Name</u>	<u>Type</u>	<u>Size</u>
atlas	Text	50
length	Number (Double)	8
adult weight	Number (Integer)	2
tail	Number (Double)	8
bill	Number (Double)	8
culmen	Number (Double)	8
tarsus	Number (Double)	8
wing	Number (Double)	8
wing length	Number (Double)	8
wingspan	Number (Double)	8
wing area	Number (Double)	8

Table Indexes

<u>Name</u>	<u>Number of Fields</u>
PrimaryKey	1
Fields:	atlas, Ascending

SEABIRD MORPHOMETRICS

29

atlas	length	adult weight	tail	bill	culmen	tarsus	wing	wing length	wingspan
100	5661	850	150	31		37	233		74
102	6474	1260	188	94		47	376		132150
103	6976	950	219	82		36	389		91101
105	7684	1890	183	101		52	430		160170
106	120	8200	155	340470		116129	590		340
107	46	655	320	63		30	333		104
108	40	450	426	50		23	278		95
112	4856	767	60						135
113	38	115	150						76
115	460	350	160						102
116	380	250	140						890
117	205255	40							445495
119	320	100	130						640
120	460	175	190						920
121	410	131	180						760
122	400	210	150						800
124	360	120	120						650
125	400420	250							
226		800							
241	500630	600							
69	4146	500	119138		3641	4248	280308		97104
921	3539	500	96114	2529		3136	269300		88102
94	86100	1200	397	102		27	582		206230
95	120	754	317	83		23	534		340
955	30	155	92102	2225		2832	217237		6371
96	710915	2500	149165	6473		6367	332355		
97	5863	950	126136	4548		4748	256265		81
99	6681	2250	145168	7080		5873	292320		150

Columns

<u>Name</u>	<u>Type</u>	<u>Size</u>
atlas	Number (Double)	8
fledg weight	Number (Double)	8
clutch size	Number (Double)	8
egg size	Text	50
egg weight	Number (Double)	8
% egg weight	Number (Double)	8
incubation	Number (Double)	8
fledging	Number (Double)	8
duration incubation	Number (Double)	8

Table Indexes

<u>Name</u>	<u>Number of Fields</u>
PrimaryKey	1
Fields:	atlas, Ascending

FIELD DATA CORAL SEA

29.

DAY	MONTH	YEAR	TYPE	ISLE	ATLAS	NO#	NESTS	NOTES
0	0	0	S H	Bird	69	-1	0	Br.Mus. Gould Coll. 18??
0	0	0	S H	Bird	105	-1	-1	H.K.S63
0	0	0	S H	Bird	122	-1	-1	H.K.S63
0	0	0	S H	Cato	102	-1	-1	H.K.S63
0	0	0	S H	Cato	105	-1	-1	H.K.S63
0	0	0	S H	Cato	119	6	0	H.K.S63
0	0	0	S H	Cato	122	-1	-1	H.K.S63
0	0	0	N W	Chilcott	94	-1	-1	H.K.S63
0	0	0	N W	Chilcott	95	-1	-1	H.K.S63
0	0	0	N W	Chilcott	102	-1	-1	H.K.S63
0	0	0	N W	Chilcott	105	-1	-1	H.K.S63
0	0	0	N W	Chilcott	122	-1	-1	H.K.S63
0	0	0	N W	Coringa	94	-1	-1	H.K.S63
0	0	0	N W	Coringa	95	-1	-1	H.K.S63
0	0	0	N W	Coringa	102	-1	-1	H.K.S63
0	0	0	N W	Coringa	105	-1	-1	H.K.S63
0	0	0	N W	Coringa	119	-1	-1	H.K.S63
0	0	0	N W	Coringa	120	-1	-1	H.K.S63
0	0	0	N W	Coringa	122	-1	-1	H.K.S63
0	0	0	N H	Middle Willis	105	-3	-3	BM lots nest on Mid but usually only
0	0	0	N W	NE Herald	94	-1	-1	H.K.S63
0	0	0	N W	NE Herald	95	-1	-1	H.K.S63
0	0	0	N W	NE Herald	102	-1	-1	H.K.S63
0	0	0	N W	NE Herald	105	-1	-1	H.K.S63
0	0	0	N W	NE Herald	119	-1	0	H.K.S63
0	0	0	N W	NE Herald	120	-1	0	H.K.S63
0	0	0	N W	NE Herald	122	-1	-1	H.K.S63
0	0	0	N H	S Willis	94	-1	0	Serventy59 "seen sometimes"
0	0	0	N H	S Willis	95	-1	0	Hogan25 numbers varied greatly 192
0	0	0	N H	S Willis	95	-1	0	Serventy59 frequent but "now liquida
0	0	0	N H	S Willis	103	-1	-1	Reithmuller31
0	0	0	N H	S Willis	106	1	0	BM visited once
0	0	0	N H	S Willis	107	2	0	Hogan25 1-2 from time to time.
0	0	0	N H	S Willis	107	-1	0	Serventy59 briefly landed
0	0	0	N H	S Willis	115	-1	-1	Reithmuller31
0	0	0	N H	S Willis	122	-1	-1	Reithmuller31
0	0	0	N W	SW Herald	94	-1	-1	H.K.S63
0	0	0	N W	SW Herald	102	-1	-1	H.K.S63
0	0	0	N W	SW Herald	105	-1	-1	H.K.S63
0	0	0	N W	SW Herald	119	-1	-1	H.K.S63
0	0	0	N W	SW Herald	122	-1	0	H.K.S63
0	0	0	21 N H	S Willis	69	150	-1	Davis1923 100-150. eggs
0	0	0	21 N H	S Willis	95	15	0	Davis1923 15max. usually4

Columns

<u>Name</u>	<u>Type</u>	<u>Size</u>
DAY	Number (Double)	8
MONTH	Number (Double)	8
YEAR	Number (Double)	8
NSEW	Text	2
ISLE	Text	26
ATLAS	Number (Double)	8
NO#	Number (Double)	8
NESTS	Number (Double)	8
NOTES	Text	74

SEABIRD BREEDING CHARACTERISTICS

29

atlas	fledg weight	clutch size	egg size	egg weight	% egg weight	incubation	fledging	duration incubation
69		1	63*41			52	104	
94		1	68*48			54	168	
95		1	64*44			45	168	
96	58	4	66*41			30	50	
97		4	66*41			25	35	
99		3	60*39			25	40	
100		4	46*31			23	35	
102	54	1.5	61*42			43	95	
103	58		61*41			45	120	
105	78	1.5	60*44			44	120	
106		2.5	93*57			33.5	84	
107	71	1	66*48			44	80	
108	45	1				41	75	
112	67	2.5	63*45			26	37	
113		1.5	38*29			21	27	
115	57	1.01	60*42			25	38	
116		1	53*37			23	32	
117	9	3	28*22			22	25	
119	20	2	39*29			21	27	
120	37	1	53*36			29	56	
121		1	46*35			29	56	
122	40	1	53*36			36	45	
124	25	1	46*33			36	42	
125	39	3	53*38			23	42	
226			71*53			28	35	
241		2.5	60*44			28	50	
921		1	59*43			35	70	
955		1	51*37			30	50	

Columns

<u>Name</u>	<u>Type</u>	<u>Size</u>
DAY	Number (Double)	8
MONTH	Number (Double)	8
YEAR	Number (Double)	8
TYPE	Text	6
ISLE	Text	16
ATLAS	Number (Double)	8
NO#	Number (Double)	8
NESTS	Number (Double)	8
NOTES	Text	120

Table Indexes

<u>Name</u>	<u>Number of Fields</u>
PrimaryKey	6
Fields:	DAY, Ascending MONTH, Ascending YEAR, Ascending ISLE, Ascending ATLAS, Ascending NOTES, Ascending

FIELD DATA GULF

25

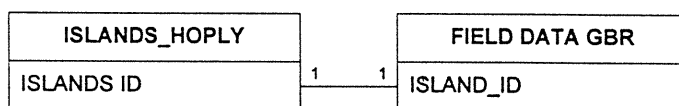
DAY	MONTH	YEAR	NSEW	ISLE	ATLAS	NO#	NESTS	NOTES
0	0	0		Black	119	0	0	F&O91
0	0	0		Black	241	0	0	F&O91
0	0	0		Black	113	0	0	F&O91
0	0	0		Black	226	0	0	F&O91
0	0	0		Bountiful	112	-1	-1	Storr73 + SS&W71
0	0	0		Centre	115	0	0	F&O91
0	0	0		Centre	125	0	0	F&O91
0	0	0		Centre	100	0	0	F&O91
0	0	0		Centre	117	0	0	F&O91
0	0	0		Centre	241	0	0	F&O91
0	0	0		Centre	99	0	0	F&O91
0	0	0		Centre	226	0	0	F&O91
0	0	0		Darwin harbour	99	-1	12	RAOU 12 pairs
0	0	0		Haul Round	121	-1	-1	SS&W71 autumn & spring colonies (+Storr77 Jun & Jul)
0	0	0		Haul Round	115	-1	-1	SS&W71 autumn-winter breeding +Storr77
0	0	0		Haul Round	125	-1	-1	SS&W71 autumn-winter laying +Storr77
0	0	0		isle off C. Cockburn	106	-1	-1	Storr77 unconfirmed report
0	0	0		isles off Coburg Peninsula	119	-1	-1	McKean81
0	0	0		Low Rk	115	-1	-3	Storr77 great nos? (between Groote & Roper R.)
0	0	0		Mornington	112	-1	0	RAOU
0	0	0		Mornington	102	-1	0	RAOU
0	0	0		Mornington	121	-1	0	RAOU
0	0	0		Mornington	115	-1	0	RAOU
0	0	0		Mornington	125	-1	-1	SS&W71 autumn-winter laying
0	0	0		Mornington	125	-1	0	RAOU
0	0	0		Mornington	116	-1	0	RAOU
0	0	0		Mornington	95	-1	0	RAOU
0	0	0		Mornington	241	-1	-1	RAOU
0	0	0		Mornington	99	-1	0	RAOU
0	0	0		Mornington	106	-1	-1	SS&W71 autumn-winter breeding
0	0	0		Mornington	106	-1	0	RAOU
0	0	0		Mornington	226	-1	-1	RAOU
0	0	0		Pellews	112	-2	0	Schodde76 1-2 on beaches of isles
0	0	0		Pellews	112	-1	-1	McKean81
0	0	0		Pellews	102	-3	0	Schodde76 locally abundant and resident
0	0	0		Pellews	119	-1	-9	Schodde76 moderate nos. apparently resident breeding
0	0	0		Pellews	121	-1	-9	Schodde76 moderate nos. apparently migratory breeding sp.
0	0	0		Pellews	121	-1	-1	SS&W71 autumn & spring colonies. Islet between Observation & Vanderlin Is.
0	0	0		Pellews	122	-2	0	Schodde76 rare
0	0	0		Pellews	115	-3	-1	Schodde76 very abundant. resident breeding
0	0	0		Pellews	125	-3	0	Schodde76 moderately abundant
0	0	0		Pellews	116	-1	0	Schodde76 moderate nos. migratory.
0	0	0		Pellews	117	-1	0	Schodde76 moderate nos. resident

Columns

Name	Type	Size
YEAR	Number (Integer)	2
MONTH	Number (Byte)	1
DAY	Number (Byte)	1
ISLAND_ID	Number (Long)	4
SUBID	Text	5
ATLAS	Number (Integer)	2
NO#	Number (Long)	4
NESTS	Number (Long)	4
REFERENCE NOTES	Text	78
COLONIES	Number (Long)	4
ADULTS	Number (Long)	4
NON-BREEDING	Number (Long)	4
JUVENILE	Number (Long)	4
IMMATURE	Number (Long)	4
FLEDGED	Number (Long)	4
RUNNERS	Number (Long)	4
CHICKS	Number (Long)	4
LARGE CHICKS	Number (Long)	4
MEDIUM CHICKS	Number (Long)	4
SMALL CHICKS	Number (Long)	4
NEW CHICKS	Number (Long)	4
UNFLEDGED	Number (Long)	4
EGGS	Number (Long)	4
CLUTCH	Number (Long)	4

Relationships

Reference2



Attributes: One to One, Not Enforced

Table Indexes

Name	Number of Fields
PrimaryKey	7
Fields:	YEAR, Ascending MONTH, Ascending DAY, Ascending ISLAND_ID, Ascending SUBID, Ascending ATLAS, Ascending REFERENCE NOTES, Ascending

FIELD DATA GBR

2 6

YEAR	MONTH	DAY	ISLAND ID	SUBID	ATLAS	NO#	NESTS
0	0	0	10328s		115	-1	-2
0	0	0	10328s		119	-1	-1
0	0	0	11010b		113	-2	-8
0	0	0	11070s		122	600	300
0	0	0	11138c		113	-1	0
0	0	0	11165s		122	0	-8
0	0	0	11174s		113	-4	-4
0	0	0	11243s		112	-1	-1
0	0	0	11243s		955	7	0
0	0	0	12027c		121	-3	-3
0	0	0	12078a		121	-1	-2
0	0	0	13113s		121	-3	-3
0	0	0	14022s		115	-1	-2
0	0	0	14033a		69	-1	0
0	0	0	14033a		119	-1	-1
0	0	0	14033a		124	1000	0
0	0	0	14033a		226	2	0
0	0	0	14063s		106	0	150
0	0	0	14116a		94	-1	0
0	0	0	14116a		102	-1	0
0	0	0	14116a		106	-1	0
0	0	0	14116a		112	-1	-1
0	0	0	14116a		113	-1	0
0	0	0	14116a		116	-1	0
0	0	0	14116a		119	-1	-1
0	0	0	14116a		121	-1	-1
0	0	0	14116a		122	-1	0
0	0	0	14116a		124	-1	0
0	0	0	14116a		125	-1	-1
0	0	0	14116a		241	-1	-1
0	0	0	14118b		102	1	0
0	0	0	14118b		113	-1	-1
0	0	0	14118b		115	-1	-1
0	0	0	14118b		116	-1	-1
0	0	0	14118b		119	-1	-1
0	0	0	14118b		121	-1	-1
0	0	0	14118b		125	-1	0
0	0	0	14122a		97	-1	0
0	0	0	14122a		121	-3	-3
0	0	0	15093s		116	-1	-1
0	0	0	16028a		125	-3	-3
0	0	0	16028b		122	-1	-1
0	0	0	16046s		116	-3	-3

Columns

<u>Name</u>	<u>Type</u>	<u>Size</u>
Year	Number (Integer)	2
Month	Number (Byte)	1
Elnino	Number (Integer)	2

Table Indexes

<u>Name</u>	<u>Number of Fields</u>
PrimaryKey	2
Fields:	Year, Ascending Month, Ascending

User Permissions

admin	Delete, Read Permissions, Set Permissions, Change Owner
guest	

Group Permissions

Admins	
Guests	Read Permissions
Users	Delete, Read Permissions, Set Permissions, Change Owner

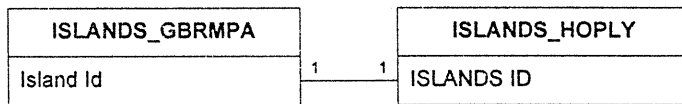
Year	Month	Elnino
1640	1	-1
1640	2	-5
1640	3	-10
1640	4	-9
1640	5	-13
1640	6	-17
1640	7	-14
1640	8	-17
1640	9	-19
1640	10	-19
1640	11	-6
1640	12	-31
1851	6	13
1851	7	13
1851	8	5
1851	9	-3
1851	10	-3
1851	11	1
1851	12	5
1852	1	5
1852	2	6
1852	3	6
1852	4	6
1852	5	4
1852	6	2
1852	7	2
1852	8	-3
1852	9	7
1852	10	-7
1852	11	-8
1852	12	-7
1853	1	-6
1853	2	-2
1853	3	1
1853	4	1
1853	5	-4
1853	6	-8
1853	7	-8
1853	8	-10
1853	9	-10
1853	10	-10
1853	11	-4
1853	12	0
1854	1	0
1854	2	-3
1854	3	-5
1854	4	-5
1854	5	-3
1854	6	0
1854	7	0
1854	8	5
1854	9	7
1854	10	7
1854	11	1
1854	12	-6
1855	1	-6
1855	2	-8
1855	3	-8
1855	4	-8
1855	5	-10
1855	6	-11
1855	7	-11
1855	8	-10
1855	9	-9
1855	10	-9
1855	11	-12
1855	12	-14

Columns

Name	Type	Size
HOPLIES ISLAND CODE	Number (Long)	4
ISLANDS ID	Number (Long)	4
ISLANDS SUB-ID	Text	1
LAT DEG	Number (Long)	4
LAT MIN	Number (Single)	4
LONG DEG	Number (Long)	4
LONG MIN	Number (Single)	4
GROUP	Text	40
ISLAND NAMES	Text	50
SECTION	Text	40
AREA	Number (Single)	4
TYPE	Text	40

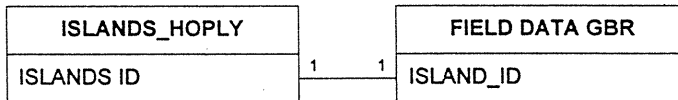
Relationships

Reference1



Attributes: One to One, Not Enforced

Reference2



Attributes: One to One, Not Enforced

Table Indexes

Name	Number of Fields
ISLANDS ID	1
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ISLANDS SUB-ID	1
Fields:	ISLANDS SUB-ID, Ascending
PrimaryKey	1
Fields:	HOPLIES ISLAND CODE, Ascending

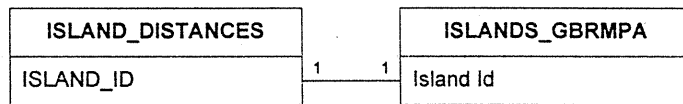
HOPLIES I	ISLANDS ID	ISLANDS SUB-ID	LAT DEG	LAT MIN	LONG DEG	LONG MIN	GROUP	ISLAND NAMES	SECTION	AREA
10001	313	s	10	41.8	142	32.9		Sextant Rock	Far Northern Section	
10002	10316	s	10	42.3	142	35.7		Tree Island	Far Northern Section	1.7
10003	10315	s	10	42.3	142	35.8		Sana Rock	Far Northern Section	
10004			10	42.4	142	40.1		North Brother Rock	Far Northern Section	3.2
10005	10317	s	10	42.6	142	35.8		Brush Islet	Far Northern Section	5.47
10006	10314	s	10	42.7	142	33.4		Ida Island	Far Northern Section	13.7
10007			10	42.7	142	40.7		Middle Brother Islet	Far Northern Section	0.68
10008	10321	s	10	43.2	142	37.6		Albany Rock	Far Northern Section	2.2
10009			10	43.2	142	41.2		South Brother Rock	Far Northern Section	2
10010	10320	s	10	43.3	142	37.4		Mai Island	Far Northern Section	20.6
10011	10327	a	10	43.6	142	43.5		Tetley Island	Far Northern Section	0.73
10012	10319	s	10	43.7	142	37.3		Pitt Rock	Far Northern Section	3.89
10013	10327	b	10	43.8	142	43.8		South Ledge Reef Cay	Far Northern Section	1.71
10014	10318	s	10	43.9	143	36.2		Albany Island	Far Northern Section	710
10015	10328	s	10	45.6	142	36.8		Ulfa Rock	Far Northern Section	
10016	10329	s	10	46.4	142	37.4		Ariel Bank Cay	Far Northern Section	
10017	10338	s	10	47.8	142	58.2		Frigate Cay	Far Northern Section	
10019	10339	s	10	53.1	142	40.8		Brewis Island	Far Northern Section	1.2
10020	10340	s	10	53.4	142	41.5		Turtle Island	Far Northern Section	4.9
10021	10342	s	10	54.7	142	38.2		Trochus Island	Far Northern Section	130
10022	10343	s	10	55.7	142	40.7		Turtle Head Island	Far Northern Section	1254
10023	10376	s	10	58.8	143	8		U/N Cay	Far Northern Section	
10024	10344	s	10	59.9	142	45.5		Tern Island	Far Northern Section	
10025	10314	a	10	43.4	142	33.5		Little Ida Island	Far Northern Section	
11001	11001	a	11	0.4	142	59.3		Arnold Islet A	Far Northern Section	4.1
11002	11001	b	11	0.6	143	59.5		Arnold Islet B	Far Northern Section	4.1
11003	11002	s	11	1.5	142	45.3		Thomson Island	Far Northern Section	5.3
11004	11026	s	11	6.6	143	1.1		Sinclair Islet	Far Northern Section	4.1
11005			11	9.7	143	4.5		U/N Island	Far Northern Section	0.5
11006			11	10.1	143	5.9		U/N Cay	Far Northern Section	
11007	11035	a	11	10.3	143	0.8		Milman Islet	Far Northern Section	22.7
11009	11035	b	11	11.8	143	2.3		Aplin Islet	Far Northern Section	4.9
11010	11038	s	11	14.4	142	59.4		Douglas Islet	Far Northern Section	2.8
11011	11010	a	11	14.5	142	55.1		Cairncross Islet A	Far Northern Section	20.2
11012	11010	b	11	14.6	142	55.5		Cairncross Islet B	Far Northern Section	20.2
11013	11010	c	11	14.8	142	56.2		Cairncross Islet C	Far Northern Section	20.2
11014	11009	a	11	14.9	142	52.3		Bushy Island (Far Northern)	Far Northern Section	10.1
11017	11070	s	11	19.3	143	48.2		MacLennan Cay	Far Northern Section	
11018	11052	s	11	22.6	143	3.1		Cholmondeley Islet	Far Northern Section	0.5
11019			11	22.8	143	1.7		East Islands Group/Jardine Islet	Far Northern Section	5.3
11020	11013	s	11	22.9	142	57.9		Halfway Islet	Far Northern Section	2.8
11021			11	24	143	46		U/N Reef Cay	Far Northern Section	
11022	11802	s	11	24	143	46		Carmichael Cay	Far Northern Section	

Columns

Name	Type	Size
Island Id	Number (Long)	4
Island Sub-Id	Text	1
Island Name	Text	255
Island Area	Number (Double)	8
Lat deg	Number (Byte)	1
Lat min	Number (Single)	4
Long deg	Number (Byte)	1
Long min	Number (Single)	4
islands_id(old)	Number (Long)	4
islands_subid(old)	Text	5

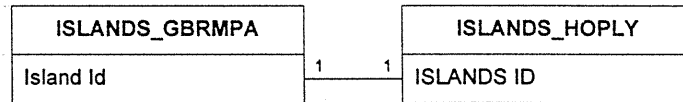
Relationships

Reference



Attributes: One to One, Not Enforced

Reference1



Attributes: One to One, Not Enforced

Table Indexes

Name	Number of Fields
Island Id	1
Fields:	Island Id, Ascending
Island Sub-Id	1
Fields:	Island Sub-Id, Ascending
PrimaryKey	2
Fields:	Island Id, Ascending Island Sub-Id, Ascending

ISLANDS_GBRMPA

2 5

Island Id	Island S	Island Name	Island Ar	Lat deg	Lat min	Long deg	Long min	islands id(old)	islands subid(old)
10313	s	Sextant Rock		10	41.8	142	32.9		
10314	a	Little Ida Island		10	43.4	142	33.5		
10314	s	Ida Island	13.7	10	42.7	142	33.4	10006	S
10315	s	Sana Rock		10	42.3	142	35.8		
10316	s	Tree Island	1.7	10	42.3	142	35.7	10002	S
10317	s	Brush Islet	5.47	10	42.6	142	35.8	10005	S
10318	s	Albany Island	710	10	43.9	143	36.2	10014	s
10319	s	Pitt Rock	3.89	10	43.7	142	37.3	10012	S
10320	s	Mai Island	20.6	10	43.3	142	37.4	10010	S
10321	s	Albany Rock	2.2	10	43.2	142	37.6	10008	S
10322	s	North Brother Island	3.2	10	42.4	142	40.1		
10323	s	Middle Brother Island	0.68	10	42.7	142	35.8		
10324	s	South Brother Island	2	10	43.2	142	41.2		
10327	a	Tetley Island	0.73	10	43.6	142	43.5	10011	S
10327	b	South Ledge Reef Cay	1.71	10	43.8	142	43.8	10013	S
10328	s	Ulfa Rock		10	45.6	142	36.8	10015	S
10329	s	Ariel Bank Cay		10	46.4	142	37.4		
10338	s	Frigate Cay		10	47.8	142	58.2	10017	S
10339	s	Brewis Island	1.2	10	53.1	142	40.8	10019	S
10340	s	Turtle Island	4.9	10	53.4	142	41.5	10020	S
10342	s	Trochus Island	130	10	54.7	142	38.2	10342	S
10343	s	Turtle Head Island	1254	10	55.7	142	40.7	10022	S
10344	s	Tern Island		10	59.9	142	45.5	10024	S
10376	s	U/N Cay		10	58.8	143	8		
10801	s	U/N Rock		10	50.6	142	32.6		
11001	a	Arnold Islet A	4.1	11	0.4	142	59.3	11001	S
11001	b	Arnold Islet B	4.1	11	0.6	143	59.5		
11002	s	Thomson Island	5.3	11	1.5	142	45.3	11003	S
11009	a	Bushy Island (Far Northern)	10.1	11	14.9	142	52.3	11014	S
11009	b	U/N Island		11	15	142	52.2		
11009	c	U/N Island		11	15.1	142	52.4		
11010	a	Cairncross Islet A	20.2	11	14.5	142	55.1	11011	S
11010	b	Cairncross Islet B	20.2	11	14.6	142	55.5		
11010	c	Cairncross Islet C	20.2	11	0.4	142	59.3	11013	S
11013	s	Halfway Islet	2.8	11	22.9	142	57.9	11020	S
11024	s	Pearn Rock		11	25.6	142	56.2	11024	S
11026	s	Sinclair Islet	4.1	11	6.6	143	1.1	11004	S
11034	a	U/N Island	0.5	11	9.7	143	4.5	11005	S
11034	b	U/N Cay		11	10.1	143	5.9	11006	S
11035	a	Milman Islet	22.7	11	10.3	143	0.8	11007	S
11035	b	Aplin Islet	4.9	11	11.8	143	2.3	11009	S
11035	c	U/N Islets	4.9	11	10.4	143	1.4		
11038	s	Douglas Islet	2.8	11	14.4	142	59.4	11010	S

Columns

<u>Name</u>	<u>Type</u>	<u>Size</u>
Hopies	Number (Long)	4
GBR(New)	Number (Long)	4
SubId(New)	Text	1

Table Indexes

<u>Name</u>	<u>Number of Fields</u>
PrimaryKey	2
Fields:	GBR(New), Ascending SubId(New), Ascending

Hopies	GBR(New)	SubId(New)
10001	10313	s
10025	10314	a
10006	10314	s
10003	10315	s
10002	10316	s
10005	10317	s
10014	10318	s
10012	10319	s
10010	10320	s
10008	10321	s
10011	10327	a
10013	10327	b
10015	10328	s
10016	10329	s
10017	10338	s
10019	10339	s
10020	10340	s
10021	10342	s
10022	10343	s
10024	10344	s
10023	10376	s
11001	11001	a
11002	11001	b
11003	11002	s
11014	11009	a
11011	11010	a
11012	11010	b
11013	11010	c
11020	11013	s
11004	11026	s
11007	11035	a
11009	11035	b
11010	11038	s
11018	11052	s
11026	11055	s
11028	11062	s
11017	11070	s
11025	11130	s
11030	11134	s
11035	11138	a
11036	11138	b
11037	11138	c
11038	11138	d
11039	11138	e
11040	11138	f
11034	11165	s
11047	11169	a
11050	11173	a
11051	11173	b
11052	11173	c
11053	11173	d
11054	11174	s
11056	11176	a
11063	11181	s
11060	11184	a
11061	11184	b
11064	11184	c
11065	11184	d
11066	11185	s
11068	11187	s
11069	11188	a
11070	11188	b
11067	11189	s
11071	11190	s
11072	11191	s
11073	11194	s
11074	11195	s

Columns

<u>Name</u>	<u>Type</u>	<u>Size</u>
AREA	Number (Double)	8
PERIMETER	Number (Double)	8
ISLANDS_	Number (Integer)	2
ISLANDS_ID	Number (Integer)	2
ISLAND_ID	Number (Integer)	2
SUBID	Text	5
ISLAND_NAM	Text	50
LONG	Number (Double)	8
LAT	Number (Double)	8

Table Indexes

<u>Name</u>	<u>Number of Fields</u>
ISLAND_ID	1
Fields:	ISLAND_ID, Ascending
PrimaryKey	2
Fields:	ISLAND_ID, Ascending SUBID, Ascending
SUBID	1
Fields:	SUBID, Ascending

AREA	PERIMETER	ISLANDS	ISLANDS ID	ISLAND ID	SUBID	ISLAND NAM	LONG	LAT
1.270088E-05	0.01412048	32	31	1	oN/C	Channel Rock	142.25793457031	-10.553003311157
-0.1722986	34.58278	1	0	1	oU/N		147.89601135254	-19.282890319824
7.018825E-07	0.003675328	35	34	2	oN/C	Strait Rock	142.3737487793	-10.556739807129
2.26195E-07	0.002193254	2	1	2	oU/N		142.10705566406	-10.351397514343
2.470406E-07	0.002081952	41	40	3	oN/C	Black Rock	142.17547607422	-10.584568977356
1.860179E-06	0.005111111	3	2	3	oU/N		142.11764526367	-10.352716445923
8.167081E-06	0.01087567	48	47	4	oN/C	Jardine Rock	142.64688110352	-10.61199760437
3.655077E-07	0.002474754	4	3	4	oU/N		142.05480957031	-10.352876663208
9.836585E-07	0.003804856	50	49	5	oN/C	Alpha Rock	142.51797485352	-10.613617897034
2.825538E-06	0.007653874	5	4	5	oU/N		142.22723388672	-10.3536901474
2.52774E-07	0.00211762	66	65	6	oN/C	Mona Rock	142.48817443848	-10.708010673523
0.0001075479	0.05954603	6	5	6	oU/N		142.05410766602	-10.360620498657
7.79226E-07	0.003743585	7	6	7	oU/N		142.11904907227	-10.354382514954
2.300832E-06	0.006011236	414	413	8	oN/C	Yamacutta Reef Cay	146.58047485352	-17.866958618164
2.860375E-06	0.006338293	8	7	8	oU/N		142.11988830566	-10.355781555176
3.565129E-05	0.02242002	957	956	9	oN/C	Mangrove Island	149.57823181152	-22.294057846069
0.0004125761	0.1072152	9	8	9	oU/N		142.13043212891	-10.372053146362
4.953472E-07	0.002730484	975	974	10	oN/C	U/N Island	150.65805053711	-22.344062805176
3.259629E-07	0.002264813	10	9	10	oU/N		142.1046295166	-10.355989456177
2.268251E-06	0.009166908	988	987	11	oN/C	U/N Island	150.32389831543	-22.429349899292
4.233887E-06	0.009462192	11	10	11	oU/N		142.04382324219	-10.357876777649
5.155438E-06	0.009544183	996	995	12	oN/C	U/N Island	150.7555847168	-22.479074478149
5.747381E-06	0.01203096	12	11	12	oU/N		142.36227416992	-10.368918418884
5.680115E-06	0.01120366	13	12	13	oU/N		142.19400024414	-10.410480499268
3.736059E-07	0.002673308	1000	999	14	oN/C	U/N Island	150.78985595703	-22.556852340698
3.138739E-06	0.01029646	14	13	14	oU/N		142.18228149414	-10.412114143372
3.760426E-06	0.01042875	15	14	15	oU/N		142.19348144531	-10.42807674408
4.909336E-06	0.01205578	16	15	16	oU/N		142.20066833496	-10.430597305298
4.852576E-06	0.01214289	17	16	17	oU/N		142.18643188477	-10.454468727112
1.467153E-05	0.01653772	18	17	18	oU/N		142.44688415527	-10.464077949524
7.140654E-06	0.01346564	19	18	19	oU/N		142.43746948242	-10.463567733765
7.856215E-07	0.005033583	20	19	20	oU/N		143.12802124023	-10.47013092041
2.263856E-06	0.006145106	21	20	21	oU/N		142.04190063477	-10.471067428589
2.614033E-07	0.002101241	22	21	22	oU/N		143.13693237305	-10.471588134766
1.476983E-06	0.006004711	23	22	23	oU/N		142.18765258789	-10.483818054199
1.302978E-06	0.005014178	24	23	24	oU/N		142.44944763184	-10.497090339661
0.0005524072	0.1152217	25	24	25	oU/N		142.3034362793	-10.5276927948
3.757443E-06	0.007342005	26	25	26	oU/N		143.09902954102	-10.521498680115
0.001208965	0.2221301	27	26	27	oU/N		142.19989013672	-10.559693336487
1.180368E-05	0.01267797	28	27	28	oU/N		142.19000244141	-10.542890548706
7.055583E-06	0.01027041	29	28	29	oU/N		142.35278320313	-10.546668052673
7.550916E-07	0.003197117	30	29	30	oU/N		142.34686279297	-10.548122406006
1.561806E-05	0.01587864	31	30	31	oU/N		142.34422302246	-10.552929878235

Columns

<u>Name</u>	<u>Type</u>	<u>Size</u>
ISLANDS_	Number (Integer)	2
ISLAND_ID	Number (Long)	4
SUBID	Text	1

Table Indexes

<u>Name</u>	<u>Number of Fields</u>
PrimaryKey	2
Fields:	ISLAND_ID, Ascending SUBID, Ascending

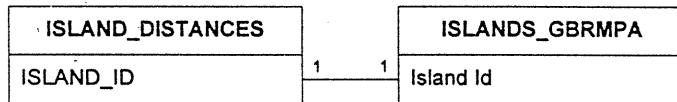
ISLANDS	ISLAND ID	SUBID
69	10314	s
65	10316	s
67	10317	s
73	10318	s
80	10319	s
77	10320	s
76	10321	s
79	10327	a
81	10327	b
89	10328	s
92	10338	s
105	10339	s
106	10340	s
111	10342	s
108	10343	s
122	10344	s
124	11001	a
126	11002	s
136	11009	a
135	11010	a
137	11010	c
140	11013	s
143	11024	s
127	11026	s
129	11034	a
131	11034	b
132	11035	a
133	11035	b
134	11038	s
138	11052	s
139	11053	s
144	11055	s
145	11061	s
146	11062	s
141	11070	s
142	11130	s
157	11138	b
156	11138	c
158	11138	d
159	11138	e
160	11138	f
147	11154	s
155	11165	s
171	11169	a
172	11169	b
178	11173	a
180	11173	b
181	11173	c
183	11174	s
194	11176	a
195	11176	b
197	11176	c
201	11181	s
196	11184	a
198	11184	b
202	11184	c
204	11185	s
208	11187	s
209	11188	a
211	11189	s
215	11190	s
214	11191	s
216	11194	s
217	11195	s
190	11233	s
193	11234	a
151	11243	s

Columns

Name	Type	Size
ISLAND_ID	Number (Integer)	2
SUBID	Text	5
DIST_CONT	Number (Double)	8
DIR_CONT	Text	1
DIST_COAST	Number (Double)	8
location	Text	50

Relationships

Reference



Attributes: One to One, Not Enforced

Table Indexes

Name	Number of Fields
PrimaryKey	2
Fields:	ISLAND_ID, Ascending SUBID, Ascending

ISLAND_DISTANCES

29/03/96

ISLAND_ID	SUBID	DIST_CONT	DIR_CONT	DIST_COAST	location
1	oN/C	163.03	W	28.306	mid
1	oU/N	41.479	W	44.053	mid
2	oN/C	151.479	W	21.212	mid
2	oU/N	178.418	W	53.32	mid
3	oN/C	171.431	W	32.439	mid
3	oU/N	177.352	W	52.523	mid
4	oN/C	124.672	W	15.758	inner
4	oU/N	183.619	W	56.821	mid
5	oN/C	137.513	W	14.626	inner
5	oU/N	166.415	W	46.022	mid
6	oN/C	141.689	W	4.84	inner
6	oU/N	183.637	W	56.333	mid
7	oU/N	177.201	W	52.305	mid
8	oN/C	30.787	W	49.281	mid
8	oU/N	177.107	W	52.144	mid
9	oN/C	235.166	W	2.876	inner
9	oU/N	175.948	W	50.224	mid
10	oN/C	178.871	W	36.178	mid
10	oU/N	178.628	W	53.14	mid
11	oN/C	202.728	W	10.113	inner
11	oU/N	184.682	W	57.268	mid
12	oN/C	171.447	W	22.102	mid
12	oU/N	152.836	W	39.371	mid
13	oU/N	169.402	W	43.205	mid
14	oN/C	164.412	W	14.881	inner
14	oU/N	170.567	W	43.813	mid
15	oU/N	169.391	W	41.87	mid
16	oU/N	168.665	W	41.218	mid
17	oU/N	170.036	W	40.353	mid
18	oU/N	143.98	W	28.628	mid
19	oU/N	144.922	W	28.741	mid
20	oU/N	75.864	W	60.238	mid
21	oU/N	184.472	W	49.113	mid
22	oU/N	74.971	W	60.907	mid
23	oU/N	169.895	W	38.168	mid
24	oU/N	143.725	W	25.318	mid
25	oU/N	158.388	W	27.26	mid
26	oU/N	78.866	W	55.066	mid
27	oU/N	168.859	W	32.326	mid
28	oU/N	169.776	W	34.123	mid
29	oU/N	153.526	W	23.043	mid
30	oU/N	154.124	W	23.201	mid
31	oU/N	154.41	W	22.917	mid