

IHO C-55: Composite Report by Nation/Area

IHO C-55: Australia

Updated

13 October 2008

INT Region

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Status of Hydrographic Surveys

A1	A2	B1	B2	C1	C2
35	10	20	5	45	85

A1/A2 = % adequately surveyed 0-200m / >200m
 B1/B2 = % requiring re-survey at larger scale or to modern standards 0-200m / >200m
 C1/C2 = % which has never been systematically surveyed 0-200m / >200m

Comment

1. Includes Lord Howe Island. The Australian Hydrographic Service (AHS) highest priority remains Torres Strait and northern Great Barrier Reef. Ongoing effort is being provided to improve accuracy of Prince of Wales Channel (Torres Strait) to IHO 'Special' Order. Several areas within Torres Strait exhibit sand wave formations, which may require routine re-survey.
2. Torres Strait and its approaches require additional survey work to increase area surveyed to increase accuracy and improve charting for safe navigation. Survey operations are planned to achieve IHO 'Special' Order for Prince of Wales Channel (Torres Strait) while other areas of Torres Strait remain difficult to survey given the seasonal weather conditions, complex reef systems and complex tidal regimes.
3. Additionally, further survey work is required in the Arafura Sea and in coastal approaches in the NW Australian area (e.g. Sahul Banks, Bonaparte Archipelago). Furthermore, pressure from the resources industry will warrant further survey work in primary and secondary port areas. This survey work is being conducted using MBES or LIDAR technology.
4. Areas within the Inner Great Barrier Reef (IGBR), Joseph Bonaparte Archipelago, Torres Strait and NW Australian coast remain unsurveyed. Primarily, these areas contain significant, complex reef systems that warrant special consideration when conducting survey operations. More recently, increased cruise liner interest in coastal passage between Broome and Darwin will warrant further survey operations in this area to allow safe navigation.
5. In support of fisheries protection and border security, increased survey operations are underway in Torres Strait. These survey operations have been out-sourced to external survey companies.

Status of Nautical Charting

A = % covered by INT Charts, B = % covered by RNC, C = % covered by ENC

Offshore passage/Small		
A	B	C
100	100	50

Landfall Coastal passage/Medium		
A	B	C
95	95	40

Approaches Ports/Large		
A	B	C
100	100	70

Comment

The 5% shortfall in the Medium bracket is a low priority for completion due to lack of maritime traffic in these areas.

Percentage of metric paper charts

Percentage of paper charts on a satellite datum

Status of Maritime Safety Information

Local Warning

YES

Coastal Warning

YES

Port Information

YES

NAVAREA Warning

YES

Master Plan

YES

Area A1

NO

Area A2

NO

Area A3

YES

Covers the whole Australasian area.

NAVTEX

NO

SafetyNET

YES

All MSI is provided by SafetyNET.

Status of Hydrographic Surveys

A1/A2 = % adequately surveyed 0-200m / >200m
 B1/B2 = % requiring re-survey at larger scale or to modern standards 0-200m / >200m
 C1/C2 = % which has never been systematically surveyed 0-200m / >200m

A1	A2	B1	B2	C1	C2
3	1	97	0	0	99

Comment

Status of Nautical Charting

A = % covered by INT Charts, B = % covered by RNC, C = % covered by ENC

Offshore passage/Small

Landfall Coastal passage/Medium

Approaches Ports/Large

Comment

A	B	C	A	B	C	A	B	C
100	100	50	100	100	0	100	100	0

Percentage of metric paper charts

Percentage of paper charts on a satellite datum

Status of Maritime Safety Information

Local Warning

NO

Coastal Warning

NO

Port Information

YES

Harbour Master is in contact with Australian Hydrographer

NAVAREA Warning

YES

NAVAREA X / XI

Master Plan

YES

Australia

Area A1

NO

Area A2

NO

Area A3

YES

Australia / Japan

NAVTEX

NO

SafetyNET

YES

Australia / Japan

Status of Hydrographic Surveys

A1/A2 = % adequately surveyed 0-200m / >200m
 B1/B2 = % requiring re-survey at larger scale or to modern standards 0-200m / >200m
 C1/C2 = % which has never been systematically surveyed 0-200m / >200m

A1	A2	B1	B2	C1	C2
1	4	0	0	99	96

Comment

Status of Nautical Charting

A = % covered by INT Charts, B = % covered by RNC, C = % covered by ENC

Offshore passage/Small

Landfall Coastal passage/Medium

Approaches Ports/Large

Comment

A	B	C	A	B	C	A	B	C
100	100	50	100	100	0	100	100	0

Percentage of metric paper charts

Percentage of paper charts on a satellite datum

Status of Maritime Safety Information

Local Warning

NO

Coastal Warning

NO

Port Information

YES

Harbour Master is in contact with Australian Hydrographer

NAVAREA Warning

YES

via NAVAREA X

Master Plan

YES

Australia

Area A1

NO

Area A2

NO

Area A3

YES

Australia

NAVTEX

NO

SafetyNET

YES

Australia

Status of Hydrographic Surveys

A1/A2 = % adequately surveyed 0-200m / >200m
 B1/B2 = % requiring re-survey at larger scale or to modern standards 0-200m / >200m
 C1/C2 = % which has never been systematically surveyed 0-200m / >200m

A1	A2	B1	B2	C1	C2
1	30	0	0	99	70

Comment
 Includes the Judge and Clerk and the Bishop and Clerk Islands.

Status of Nautical Charting

A = % covered by INT Charts, B = % covered by RNC, C = % covered by ENC

Offshore passage/Small			Landfall Coastal passage/Medium			Approaches Ports/Large			Comment
A	B	C	A	B	C	A	B	C	
100	100	50	100	100	100	100	100	100	

Percentage of metric paper charts

Percentage of paper charts on a satellite datum

Status of Maritime Safety Information

Local Warning	Coastal Warning	Port Information	NAVAREA Warning		
NO	NO	YES Part of the State of Tasmania	YES NAVAREA X		
Master Plan	Area A1	Area A2	Area A3	NAVTEX	SafetyNET
YES Australia	NO	NO	YES Australia	NO	YES Australia

Status of Hydrographic Surveys

A1/A2 = % adequately surveyed 0-200m / >200m
 B1/B2 = % requiring re-survey at larger scale or to modern standards 0-200m / >200m
 C1/C2 = % which has never been systematically surveyed 0-200m / >200m

A1	A2	B1	B2	C1	C2
10	1	0	0	90	99

Comment

Status of Nautical Charting

A = % covered by INT Charts, B = % covered by RNC, C = % covered by ENC

Offshore passage/Small

Landfall Coastal passage/Medium

Approaches Ports/Large

Comment

A	B	C	A	B	C	A	B	C
100	100	50	100	100	0	100	100	0

Percentage of metric paper charts

Percentage of paper charts on a satellite datum

Status of Maritime Safety Information

Local Warning

NO

Coastal Warning

NO

Port Information

YES

Norfolk Island Administration is in contact with the Australian Hydrographer

NAVAREA Warning

YES

Though NAVAREA X /XIV

Master Plan

YES

Australia

Area A1

NO

Area A2

NO

Area A3

YES

Australia

NAVTEX

NO

SafetyNET

YES

Australia

Status of Hydrographic Surveys

A1/A2 = % adequately surveyed 0-200m / >200m
 B1/B2 = % requiring re-survey at larger scale or to modern standards 0-200m / >200m
 C1/C2 = % which has never been systematically surveyed 0-200m / >200m

A1	A2	B1	B2	C1	C2
1	0	9	0	90	100

Comment
 1. Data provided by NZ.
 2. Priority for modern survey is large-scale coverage of anchorages and landings.

Status of Nautical Charting

A = % covered by INT Charts, B = % covered by RNC, C = % covered by ENC

Offshore passage/Small

Landfall Coastal passage/Medium

Approaches Ports/Large

Comment

A	B	C
100	100	0

A	B	C
10	10	0

A	B	C
10	100	0

1. Data provided by NZ.
 2. Project underway to transform to WGS 84 datum.
 3. Extensive surveying is required to support improved charting.

Percentage of metric paper charts

Percentage of paper charts on a satellite datum

Status of Maritime Safety Information

Local Warning

NO
 Data provided by UK.

Coastal Warning

NO
 Data provided by UK.

Port Information

NAVAREA Warning

NO
 Data provided by UK.

Master Plan

NO
 Data provided by UK.

Area A1

NO
 Data provided by UK.

Area A2

NO
 Data provided by UK.

Area A3

NO
 Data provided by UK.

NAVTEX

NO
 Data provided by UK.

SafetyNET

NO
 Data provided by UK.

Status of Hydrographic Surveys

A1/A2 = % adequately surveyed 0-200m / >200m
 B1/B2 = % requiring re-survey at larger scale or to modern standards 0-200m / >200m
 C1/C2 = % which has never been systematically surveyed 0-200m / >200m

A1	A2	B1	B2	C1	C2
5	15	70	0	25	85

Comment
 1. Data provided by UK.
 2. Depths fall away quickly beyond the edge of the fringing reefs of the steep-to atolls and islands.
 3. The priority is for modern survey of the minor ports and anchorages, which are only covered by lead-line surveys.

Status of Nautical Charting

A = % covered by INT Charts, B = % covered by RNC, C = % covered by ENC

Offshore passage/Small

A	B	C
100	100	0

Percentage of metric paper charts

Landfall Coastal passage/Medium

A	B	C
100	100	0

Percentage of paper charts on a satellite datum

Approaches Ports/Large

A	B	C
100	100	0

Comment
 Two landfall charts (INT 6854 and 6856) have been metricated.

Status of Maritime Safety Information

Local Warning

YES
 Data provided by UK.

Coastal Warning

YES
 Data provided by UK.

Port Information

YES
 Data provided by UK.

NAVAREA Warning

NO
 Data provided by UK.

Master Plan

NO

Area A1

NO
 Planned.

Area A2

NO
 Data provided by UK.

Area A3

NO
 Data provided by UK.

NAVTEX

NO
 Data provided by UK.

SafetyNET

NO

Status of Hydrographic Surveys

A1/A2 = % adequately surveyed 0-200m / >200m
 B1/B2 = % requiring re-survey at larger scale or to modern standards 0-200m / >200m
 C1/C2 = % which has never been systematically surveyed 0-200m / >200m

A1	A2	B1	B2	C1	C2
17	11	38	2	45	87

Comment
 Remote sensing and route surveys to wharves and anchorages are being used to resolve navigational problems in the complex waters of the atolls.

Status of Nautical Charting

A = % covered by INT Charts, B = % covered by RNC, C = % covered by ENC

Offshore passage/Small

Landfall Coastal passage/Medium

Approaches Ports/Large

Comment

A	B	C	A	B	C	A	B	C
100	0	0	17	0	7	44	0	14

Percentage of metric paper charts 100 Percentage of paper charts on a satellite datum 79

Status of Maritime Safety Information

Local Warning

YES

Coastal Warning

YES
 Broadcast on SafetyNet.

Port Information

YES
 Changes to ports and harbours passed to charting authority.

NAVAREA Warning

YES
 via NAVAREA XIV

Master Plan

YES
 Radiocommunications maritimes, volume 4 (924-RNA) published by SHOM.

Area A1

NO

Area A2

NO

Area A3

YES

NAVTEX

NO

SafetyNET

YES
 Coastal warnings broadcast by SafetyNet (POR)

Status of Hydrographic Surveys

A1/A2 = % adequately surveyed 0-200m / >200m
 B1/B2 = % requiring re-survey at larger scale or to modern standards 0-200m / >200m
 C1/C2 = % which has never been systematically surveyed 0-200m / >200m

A1	A2	B1	B2	C1	C2
100	20	0	5	0	75

Comment

Status of Nautical Charting

A = % covered by INT Charts, B = % covered by RNC, C = % covered by ENC

Offshore passage/Small

Landfall Coastal passage/Medium

Approaches Ports/Large

Comment

A	B	C	A	B	C	A	B	C
100	0	0	100	0	43	62	0	34

Percentage of metric paper charts 100

Percentage of paper charts on a satellite datum 47

Status of Maritime Safety Information

Local Warning

YES

Coastal Warning

YES
 Broadcast on SafetyNet.

Port Information

YES
 Changes to ports and harbours passed to charting authority.

NAVAREA Warning

YES
 via NAVAREAs X and XIV

Master Plan

YES
 Radiocommunications maritimes, volume 4 (924-RNA) published by SHOM.

Area A1

YES

Area A2

NO

Area A3

YES

NAVTEX

NO

SafetyNET

YES
 Coastal warnings broadcast by SafetyNet (POR)

Status of Hydrographic Surveys

A1/A2 = % adequately surveyed 0-200m / >200m
 B1/B2 = % requiring re-survey at larger scale or to modern standards 0-200m / >200m
 C1/C2 = % which has never been systematically surveyed 0-200m / >200m

A1	A2	B1	B2	C1	C2
86	0	0	1	14	99

Comment

Status of Nautical Charting

A = % covered by INT Charts, B = % covered by RNC, C = % covered by ENC

Offshore passage/Small

Landfall Coastal passage/Medium

Approaches Ports/Large

Comment

A	B	C	A	B	C	A	B	C
100	0	0	100	0	0	50	0	0

Percentage of metric paper charts 100 Percentage of paper charts on a satellite datum 100

Status of Maritime Safety Information

Local Warning

YES

Coastal Warning

YES
 Broadcast on SafetyNet.

Port Information

YES
 Changes to ports and harbours passed to charting authority.

NAVAREA Warning

YES
 via NAVAREA XIV

Master Plan

YES
 Radiocommunications maritimes, volume 4 (924-RNA) published by SHOM.

Area A1

NO

Area A2

NO

Area A3

YES

NAVTEX

NO

SafetyNET

YES
 Coastal warnings broadcast by safetyNet (POR)

Status of Hydrographic Surveys

A1/A2 = % adequately surveyed 0-200m / >200m
 B1/B2 = % requiring re-survey at larger scale or to modern standards 0-200m / >200m
 C1/C2 = % which has never been systematically surveyed 0-200m / >200m

A1	A2	B1	B2	C1	C2
0	0	20	0	80	100

Comment
 1. Depths fall away quickly beyond the edge of the fringing reefs of the steep-to atolls and islands.
 2. Priorities are:
 a. International Routes: disproving surveys of vigias WNW of Tamana, in the Line Group, and towards the Phoenix Group.
 b. Internal Routes, Approaches and Ports: Starbuck Island, frequented by cruise liners, is only covered by a sketch survey.
 c. Modern survey of the waters of all the islands of the archipelago.

Status of Nautical Charting

A = % covered by INT Charts, B = % covered by RNC, C = % covered by ENC

Offshore passage/Small

Landfall Coastal passage/Medium

Approaches Ports/Large

A	B	C
100	100	0

A	B	C
100	100	0

A	B	C
100	100	0

Comment
 1. Data provided by UK.
 2. Large scale coverage requires metrication.

Percentage of metric paper charts

Percentage of paper charts on a satellite datum

Status of Maritime Safety Information

Local Warning

YES

Coastal Warning

NO

Port Information

NO

NAVAREA Warning

NO

Master Plan

YES

A Master Plan has been formulated but needs funding for implementation.

Area A1

NO

Area A2

NO

Area A3

NO

NAVTEX

NO

SafetyNET

NO

Status of Hydrographic Surveys

A1/A2 = % adequately surveyed 0-200m / >200m
 B1/B2 = % requiring re-survey at larger scale or to modern standards 0-200m / >200m
 C1/C2 = % which has never been systematically surveyed 0-200m / >200m

A1	A2	B1	B2	C1	C2
0	0	0	0	100	100

Comment
 1. Data provided by UK.
 2. Nauru is a steep-to oceanic island. One ED shoal to the NE requires a disproving search.

Status of Nautical Charting

A = % covered by INT Charts, B = % covered by RNC, C = % covered by ENC

Offshore passage/Small

Landfall Coastal passage/Medium

Approaches Ports/Large

Comment

A	B	C	A	B	C	A	B	C
100	100	0	100	100	0	100	100	0

1. Data provided by UK.
 2. Large scale coverage requires metrication.

Percentage of metric paper charts

Percentage of paper charts on a satellite datum

Status of Maritime Safety Information

Local Warning

NO
 Data provided by UK.

Coastal Warning

NO
 Data provided by UK.

Port Information

NO
 Data provided by UK.

NAVAREA Warning

NO
 Data provided by UK.

Master Plan

NO
 Data provided by UK.

Area A1

NO
 Data provided by UK.

Area A2

NO
 Data provided by UK.

Area A3

NO
 Data provided by UK.

NAVTEX

NO
 Data provided by UK.

SafetyNET

NO
 Data provided by UK.

Status of Hydrographic Surveys

A1/A2 = % adequately surveyed 0-200m / >200m
 B1/B2 = % requiring re-survey at larger scale or to modern standards 0-200m / >200m
 C1/C2 = % which has never been systematically surveyed 0-200m / >200m

A1	A2	B1	B2	C1	C2
80	1	5	4	15	95

Comment
 A prioritised programme for full modern survey of shipping routes is underway.

Status of Nautical Charting

A = % covered by INT Charts, B = % covered by RNC, C = % covered by ENC

Offshore passage/Small

Landfall Coastal passage/Medium

Approaches Ports/Large

Comment

A	B	C
100	100	0

A	B	C
100	100	0

A	B	C
100	100	0

Test ENCs covering 1% of NZ EEZ are available on request.

Percentage of metric paper charts

Percentage of paper charts on a satellite datum

Status of Maritime Safety Information

Local Warning

YES

Coastal Warning

YES

Port Information

Partial

NAVAREA Warning

YES

Master Plan

YES

Co-ordinated by NZ MSA.

Area A1

YES

Area A2

YES

Area A3

YES

NAVTEX

YES

SafetyNET

YES

Status of Hydrographic Surveys

A1/A2 = % adequately surveyed 0-200m / >200m
 B1/B2 = % requiring re-survey at larger scale or to modern standards 0-200m / >200m
 C1/C2 = % which has never been systematically surveyed 0-200m / >200m

A1	A2	B1	B2	C1	C2
10	1	5	0	85	99

Comment
 1. Data provided by NZ.
 2. No urgent survey requirements for safety of navigation.

Status of Nautical Charting

A = % covered by INT Charts, B = % covered by RNC, C = % covered by ENC

Offshore passage/Small

Landfall Coastal passage/Medium

Approaches Ports/Large

Comment

A	B	C	A	B	C	A	B	C
100	100	0	100	100	0	100	100	0

Percentage of metric paper charts

Percentage of paper charts on a satellite datum

Status of Maritime Safety Information

Local Warning

NO
 Data provided by UK.

Coastal Warning

NO
 Data provided by UK.

Port Information

NO
 Data provided by UK.

NAVAREA Warning

NO
 Data provided by UK.

Master Plan

Area A1

NO
 Data provided by UK.

Area A2

NO
 Data provided by UK.

Area A3

NO
 Data provided by UK.

NAVTEX

NO
 Data provided by UK.

SafetyNET

Status of Hydrographic Surveys

A1/A2 = % adequately surveyed 0-200m / >200m
 B1/B2 = % requiring re-survey at larger scale or to modern standards 0-200m / >200m
 C1/C2 = % which has never been systematically surveyed 0-200m / >200m

A1	A2	B1	B2	C1	C2
28	10	0	0	72	90

Comment

1. Survey work has continued in coastal regions of New Britain and New Ireland, along with mainland PNG, towards the collaborative PNG Charting Redevelopment Project. Within the Depths < 200m large areas of narrow continental shelf and fringing coastal reefs have limited progress.
 2. Significant areas of unsurveyed waters surround PNG. Aim is to dedicate Australian Hydrographic Survey Force units conduct one survey in PNG waters annually.

Status of Nautical Charting

A = % covered by INT Charts, B = % covered by RNC, C = % covered by ENC

Offshore passage/Small

A	B	C
100	100	50

Percentage of metric paper charts

Landfall Coastal passage/Medium

A	B	C
95	95	20

Percentage of paper charts on a satellite datum

Approaches Ports/Large

A	B	C
100	100	60

Comment

The 5% shortfall in the Medium bracket is in areas previously of low priority for cover. This is under review.

Status of Maritime Safety Information

Local Warning

YES

Data provided by UK.

Coastal Warning

NO

Data provided by UK.

Port Information

YES

Passed to Australian HO.

NAVAREA Warning

NO

Data provided by UK.

Master Plan

Area A1

NO

Data provided by UK.

Area A2

NO

Data provided by UK.

Area A3

NO

Data provided by UK.

NAVTEX

NO

Data provided by UK.

SafetyNET

Status of Hydrographic Surveys

A1/A2 = % adequately surveyed 0-200m / >200m
 B1/B2 = % requiring re-survey at larger scale or to modern standards 0-200m / >200m
 C1/C2 = % which has never been systematically surveyed 0-200m / >200m

A1	A2	B1	B2	C1	C2
5	0	65	5	30	95

Comment
 1. Data provided by NZ.
 2. Priority for modern survey is large-scale coverage of anchorages and landings, then the shelf area between the two islands.

Status of Nautical Charting

A = % covered by INT Charts, B = % covered by RNC, C = % covered by ENC

Offshore passage/Small

Landfall Coastal passage/Medium

Approaches Ports/Large

Comment

A	B	C
100	0	0

A	B	C
100	0	0

A	B	C
0	0	0

1. Data provided by New Zealand.
 2. Project underway to transform to WGS84 datum.

Percentage of metric paper charts

Percentage of paper charts on a satellite datum

Status of Maritime Safety Information

Local Warning

NO
 Data provided by UK.

Coastal Warning

NO
 Data provided by UK.

Port Information

NO
 Data provided by UK.

NAVAREA Warning

NO
 Data provided by UK.

Master Plan

Area A1

NO
 Data provided by UK.

Area A2

NO
 Data provided by UK.

Area A3

NO
 Data provided by UK.

NAVTEX

NO
 Data provided by UK.

SafetyNET

Status of Hydrographic Surveys

A1/A2 = % adequately surveyed 0-200m / >200m
 B1/B2 = % requiring re-survey at larger scale or to modern standards 0-200m / >200m
 C1/C2 = % which has never been systematically surveyed 0-200m / >200m

A1	A2	B1	B2	C1	C2
10	30	30	10	60	60

Comment

1. Coverage of the most frequented parts of these steep-to islands is adequate, although the aim is to bring all areas within 200m to modern standards. Priorities for modern survey are:
 a. International Routes: examination of shoals, banks and submarine volcanoes e.g. Brougham Shoal, Edwards Bank.
 b. Internal Routes: Iron Bottom Sound.
 c. Ports and Approaches: approaches to Honiara, and modern survey of Gizo, Yandia and Tulagi.

Status of Nautical Charting

A = % covered by INT Charts, B = % covered by RNC, C = % covered by ENC

Offshore passage/Small

Landfall Coastal passage/Medium

Approaches Ports/Large

Comment

A	B	C
100	100	0

A	B	C
100	100	0

A	B	C
100	100	0

Percentage of metric paper charts

Percentage of paper charts on a satellite datum

Status of Maritime Safety Information

Local Warning

Partial
 Broadcast by Honiara Coast Radio.

Coastal Warning

Partial
 Broadcast by Honiara Coast Radio.

Port Information

YES
 Passed to UK.

NAVAREA Warning

Partial
 Passed to Australia

Master Plan

NO

Area A1

NO

Area A2

NO

Area A3

NO

NAVTEX

NO

SafetyNET

NO

Status of Hydrographic Surveys

A1/A2 = % adequately surveyed 0-200m / >200m
 B1/B2 = % requiring re-survey at larger scale or to modern standards 0-200m / >200m
 C1/C2 = % which has never been systematically surveyed 0-200m / >200m

A1	A2	B1	B2	C1	C2
5	1	0	0	95	99

Comment
 1. Data provided by NZ.
 2. Priority for modern survey is large-scale coverage of anchorages and landings.

Status of Nautical Charting

A = % covered by INT Charts, B = % covered by RNC, C = % covered by ENC

Offshore passage/Small

Landfall Coastal passage/Medium

Approaches Ports/Large

Comment

A	B	C
100	100	0

A	B	C
100	100	0

A	B	C
0	100	0

1. Data provided by NZ.
 2. Survey data is required for large scale charting.

Percentage of metric paper charts

Percentage of paper charts on a satellite datum

Status of Maritime Safety Information

Local Warning

NO
 Data provided by UK.

Coastal Warning

NO
 Data provided by UK.

Port Information

NO
 Data provided by UK.

NAVAREA Warning

NO
 Data provided by UK.

Master Plan

Area A1

NO
 Data provided by UK.

Area A2

NO
 Data provided by UK.

Area A3

NO
 Data provided by UK.

NAVTEX

NO
 Data provided by UK.

SafetyNET

Status of Hydrographic Surveys

A1/A2 = % adequately surveyed 0-200m / >200m
 B1/B2 = % requiring re-survey at larger scale or to modern standards 0-200m / >200m
 C1/C2 = % which has never been systematically surveyed 0-200m / >200m

A1	A2	B1	B2	C1	C2
2	0	28	2	70	98

Comment
 1. Data based on SWPHC discussions.
 2. Priorities are:
 a. Maritime Shipping Routes: disproving searches for numerous vigias.
 b. Ports and Approaches:
 (1) Modern survey in the Vava'u and Ha'apai Groups.
 (2) Modern survey of the outer approaches to Nuku'alofa.

Status of Nautical Charting

A = % covered by INT Charts, B = % covered by RNC, C = % covered by ENC

Offshore passage/Small

A	B	C
100	100	0

Percentage of metric paper charts

Landfall Coastal passage/Medium

A	B	C
80	80	0

Percentage of paper charts on a satellite datum

Approaches Ports/Large

A	B	C
10	100	0

Comment
 1. Data provided by NZ.
 2. With the exception of surveys of the harbours of Niuatopotapu, Neiafu, Lifuka and Nuku'alofa, source data is based on old surveys and random passage soundings (see Annex A).
 3. The one medium scale chart does not cover all of the Tongan, islands.
 4. With the exception of the harbours listed above, large scale coverage is in fathoms, and is not on WGS 84 datum. This coverage is not included. NZ project is underway to transform to WGS 84 datum.
 5. There is no large scale coverage of the Niuatopotapu Group.

Status of Maritime Safety Information

Local Warning

YES

Coastal Warning

YES

Passed to NZ.

Port Information

YES

Passed to NZ.

NAVAREA Warning

YES

Passed to NZ.

Master Plan

NO

Area A1

NO

Area A2

NO

Area A3

NO

NAVTEX

NO

SafetyNET

NO

Status of Hydrographic Surveys

A1/A2 = % adequately surveyed 0-200m / >200m
 B1/B2 = % requiring re-survey at larger scale or to modern standards 0-200m / >200m
 C1/C2 = % which has never been systematically surveyed 0-200m / >200m

A1	A2	B1	B2	C1	C2
10	0	30	0	60	100

Comment
 1. Data provided by UK.
 2. Comprises steep-to oceanic islands and atolls.
 3. Priorities are:
 a. Maritime Shipping Routes: the vigias in the general vicinity of Niulakita and Kosciusko Bank, including Macaw, Martha and Rose Bank should be investigated.
 b. Ports and Approaches: Funafuti entrance passages and anchorage are covered by modern survey. Surveys of the other atolls date from WW2 or are lead-line only.

Status of Nautical Charting

A = % covered by INT Charts, B = % covered by RNC, C = % covered by ENC

Offshore passage/Small

A	B	C
100	100	0

Percentage of metric paper charts

Landfall Coastal passage/Medium

A	B	C
100	100	0

Percentage of paper charts on a satellite datum

Approaches Ports/Large

A	B	C
100	100	0

Comment
 1. Data provided by UK.
 2. Large scale coverage requires metrication.

Status of Maritime Safety Information

Local Warning

NO
 Data provided by UK.

Coastal Warning

NO
 Data provided by UK.

Port Information

NO
 Data provided by UK.

NAVAREA Warning

NO
 Data provided by UK.

Master Plan

NO

Area A1

NO
 Data provided by UK.

Area A2

NO
 Data provided by UK.

Area A3

NO
 Data provided by UK.

NAVTEX

NO
 Data provided by UK.

SafetyNET

NO

Status of Hydrographic Surveys

A1/A2 = % adequately surveyed 0-200m / >200m
 B1/B2 = % requiring re-survey at larger scale or to modern standards 0-200m / >200m
 C1/C2 = % which has never been systematically surveyed 0-200m / >200m

A1	A2	B1	B2	C1	C2
0	0	0	0	100	100

Comment
 Consists of steep-to oceanic islands with no indications of off-lying dangers.
 Commercial surveys in the approaches currently under assessment for NM action.

Status of Nautical Charting

A = % covered by INT Charts, B = % covered by RNC, C = % covered by ENC

Offshore passage/Small			Landfall Coastal passage/Medium			Approaches Ports/Large		
A	B	C	A	B	C	A	B	C
100	100	100	100	100	0	100	100	0

Comment
 1. ENC Offshore passage / Small banding produced by France.

Percentage of metric paper charts 100 Percentage of paper charts on a satellite datum 50

Status of Maritime Safety Information

Local Warning	Coastal Warning	Port Information	NAVAREA Warning		
Unknown	YES	YES	YES		
Local authority responsibility - no requirement to promulgate internationally.	Only via NAVAREA coordinator & SafetyNET. Available/offered, but not currently used.	Through UKHO.	Only via NAVAREA coordinator & SafetyNET.		
Master Plan	Area A1	Area A2	Area A3	NAVTEX	SafetyNET
NO	NO	NO	NO	NO	NO

Status of Hydrographic Surveys

A1/A2 = % adequately surveyed 0-200m / >200m
 B1/B2 = % requiring re-survey at larger scale or to modern standards 0-200m / >200m
 C1/C2 = % which has never been systematically surveyed 0-200m / >200m

A1	A2	B1	B2	C1	C2
0	0	10	5	90	95

Comment

Status of Nautical Charting

A = % covered by INT Charts, B = % covered by RNC, C = % covered by ENC

Offshore passage/Small

Landfall Coastal passage/Medium

Approaches Ports/Large

Comment

A	B	C
100	0	0

A	B	C
100	0	0

A	B	C
0	0	0

1. Data provided by NZ.
2. Project underway to transform WGS 84 datum.

Percentage of metric paper charts

Percentage of paper charts on a satellite datum

Status of Maritime Safety Information

Local Warning

Coastal Warning

Port Information

NAVAREA Warning

NO

NO

NO

NO

Master Plan

Area A1

Area A2

Area A3

NAVTEX

SafetyNET

NO

NO

NO

NO

Status of Hydrographic Surveys

A1/A2 = % adequately surveyed 0-200m / >200m
 B1/B2 = % requiring re-survey at larger scale or to modern standards 0-200m / >200m
 C1/C2 = % which has never been systematically surveyed 0-200m / >200m

A1	A2	B1	B2	C1	C2
0	0	10	5	90	95

Comment

Status of Nautical Charting

A = % covered by INT Charts, B = % covered by RNC, C = % covered by ENC

Offshore passage/Small

Landfall Coastal passage/Medium

Approaches Ports/Large

Comment

A	B	C	A	B	C	A	B	C
100	100	0	100	100	0	100	100	0

Percentage of metric paper charts

Percentage of paper charts on a satellite datum

Status of Maritime Safety Information

Local Warning

Coastal Warning

Port Information

NAVAREA Warning

Master Plan

Area A1

Area A2

Area A3

NAVTEX

SafetyNET

Status of Hydrographic Surveys

A1/A2 = % adequately surveyed 0-200m / >200m
 B1/B2 = % requiring re-survey at larger scale or to modern standards 0-200m / >200m
 C1/C2 = % which has never been systematically surveyed 0-200m / >200m

A1	A2	B1	B2	C1	C2
0	0	10	5	90	95

Comment

Status of Nautical Charting

A = % covered by INT Charts, B = % covered by RNC, C = % covered by ENC

Offshore passage/Small

Landfall Coastal passage/Medium

Approaches Ports/Large

Comment

A	B	C	A	B	C	A	B	C
100	100	0	100	100	0	100	100	0

Percentage of metric paper charts

Percentage of paper charts on a satellite datum

Status of Maritime Safety Information

Local Warning

Coastal Warning

Port Information

NAVAREA Warning

Master Plan

Area A1

Area A2

Area A3

NAVTEX

SafetyNET

Status of Hydrographic Surveys

A1/A2 = % adequately surveyed 0-200m / >200m
 B1/B2 = % requiring re-survey at larger scale or to modern standards 0-200m / >200m
 C1/C2 = % which has never been systematically surveyed 0-200m / >200m

A1	A2	B1	B2	C1	C2
0	0	10	5	90	95

Comment

Status of Nautical Charting

A = % covered by INT Charts, B = % covered by RNC, C = % covered by ENC

Offshore passage/Small

Landfall Coastal passage/Medium

Approaches Ports/Large

Comment

A	B	C	A	B	C	A	B	C
100	100	0	100	100	0	100	100	0

Percentage of metric paper charts

Percentage of paper charts on a satellite datum

Status of Maritime Safety Information

Local Warning

Coastal Warning

Port Information

NAVAREA Warning

Master Plan

Area A1

Area A2

Area A3

NAVTEX

SafetyNET

Status of Hydrographic Surveys

A1/A2 = % adequately surveyed 0-200m / >200m
 B1/B2 = % requiring re-survey at larger scale or to modern standards 0-200m / >200m
 C1/C2 = % which has never been systematically surveyed 0-200m / >200m

A1	A2	B1	B2	C1	C2
5	50	55	0	40	50

Comment
 1. Data provided by UK.
 2. Comprises steep-to oceanic islands. Priorities for modern survey are parts of Santo harbour and the cruise liner anchorages at Ambrym and Pentecost.

Status of Nautical Charting

A = % covered by INT Charts, B = % covered by RNC, C = % covered by ENC

Offshore passage/Small

A	B	C
100	100	0

Percentage of metric paper charts

Landfall Coastal passage/Medium

A	B	C
100	100	0

Percentage of paper charts on a satellite datum

Approaches Ports/Large

A	B	C
100	100	0

Comment
 1. Data provided by UK.
 2. Shifts to WGS datum are available for all charts, but on some plans may provide positions which are more accurate than the charted detail.

Status of Maritime Safety Information

Local Warning

Partial

Coastal Warning

Partial

Port Information

Partial

NAVAREA Warning

Partial

Master Plan

NO

Area A1

NO

SAR is handled by MRSC New Caledonia.

Area A2

NO

Area A3

NO

NAVTEX

NO

SafetyNET

NO