



FIORDLAND AND STEWART ISLAND PASSAGE PLANS

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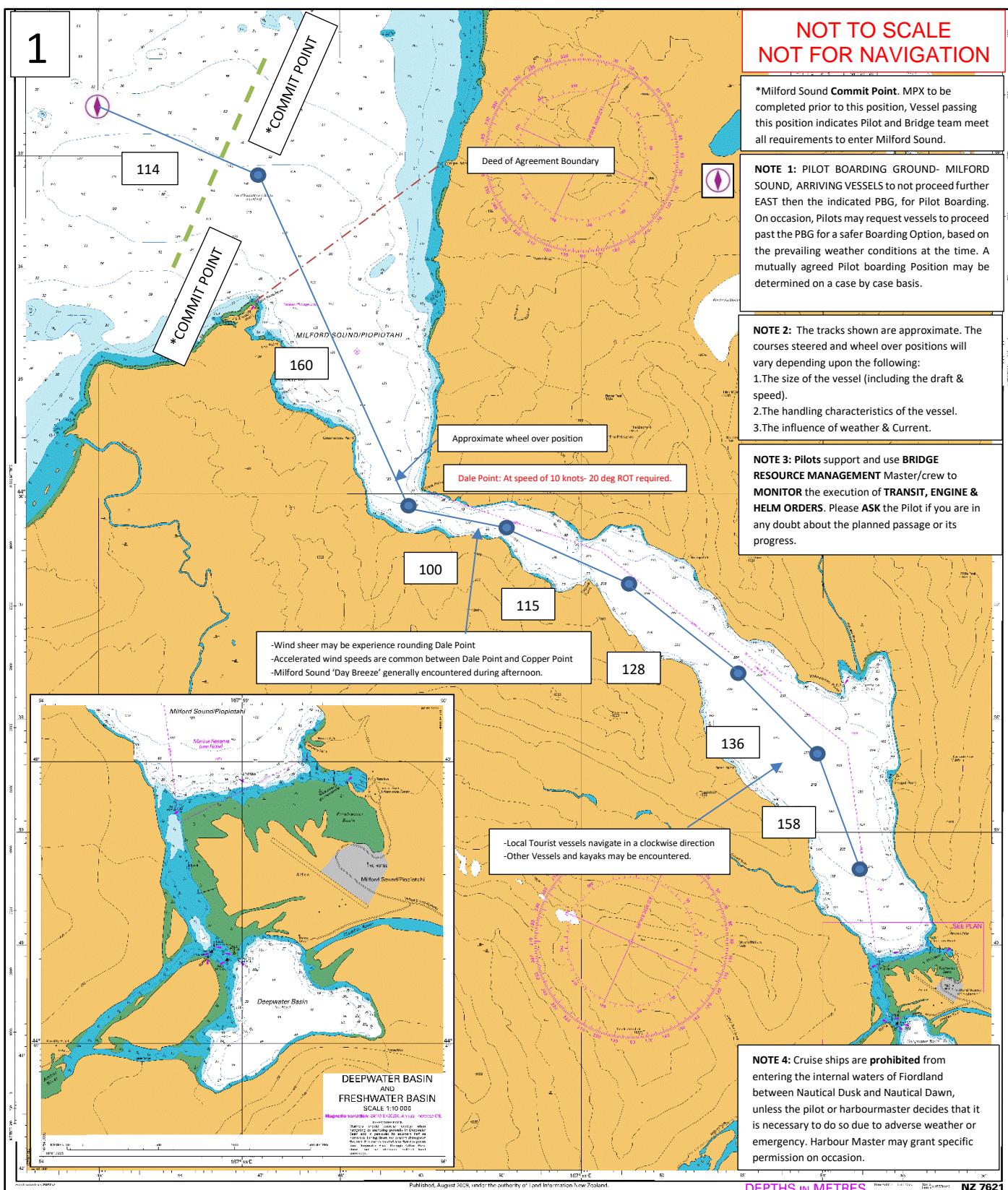
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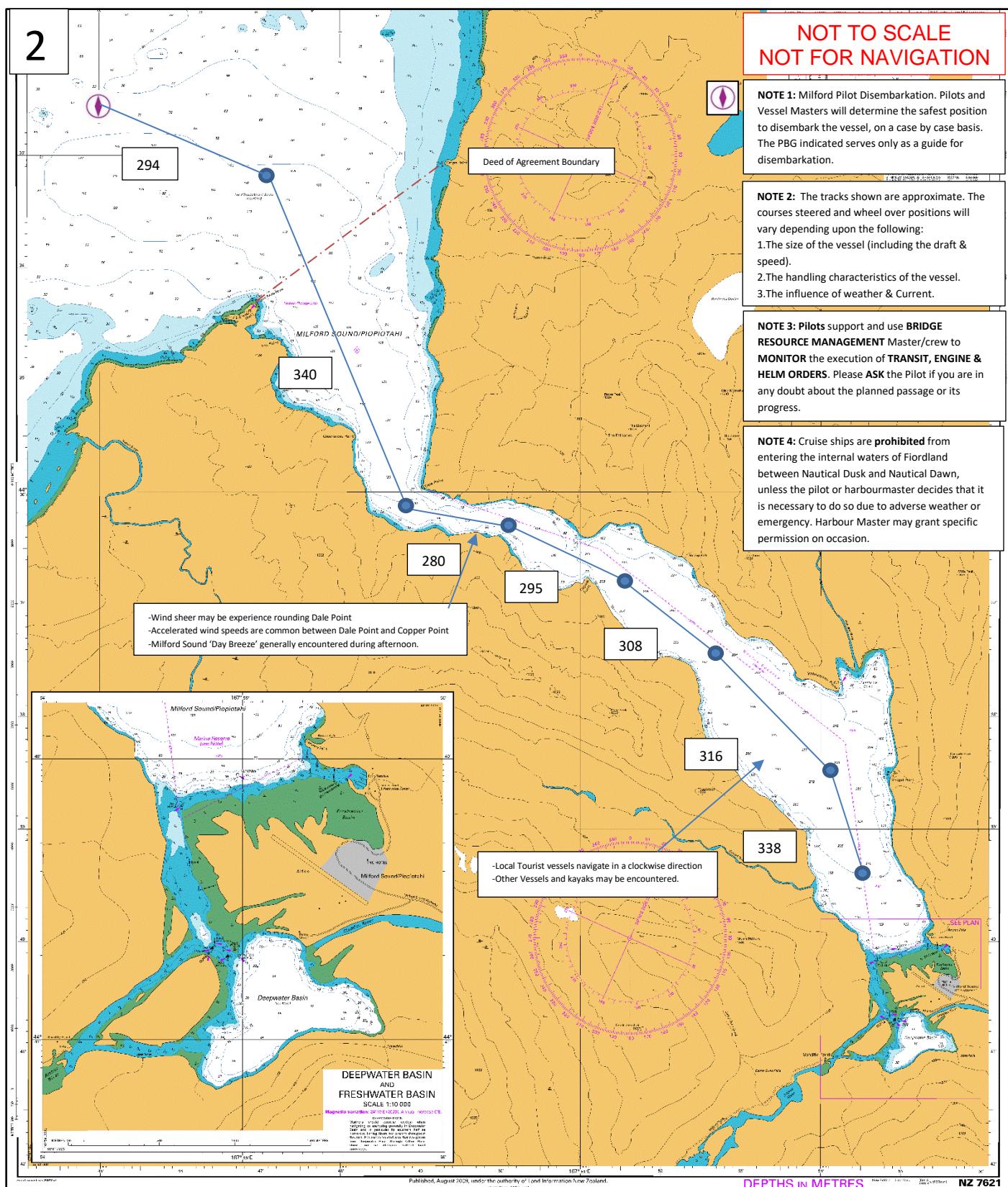
14.STEWART ISLAND-NORTHERN DEPARTURE SOUTH OF ULVA ISLAND



MILFORD SOUND - IN

Latitude	Longitude	Name	Remark	Radius(n.m)	WOP(n.m)	Course°	Distance	Xtrack(m)	Time(min)	Speed(kn)
44° 32.65'S	167° 45.27'E	WP001	Pilot Boarding Ground	0.5'	0.5'	114°	1.6'	50	8	12
44° 33.31'S	167° 47.38'E	WP002	St Anne's Point	0.5'	0.5'	160°	2.9'	50	18	10
44° 36.10'S	167° 48.80'E	WP003	Dale Point	0.5'	0.5'	100°	0.9'	50	5	10
44° 36.26'S	167° 50.02'E	WP004	Stirling Falls	1.0'	0.5'	115°	0.9'	50	6	8
44° 36.62'S	167° 51.11'E	WP005	Copper point	1.0'	0.5'	128°	1.3'	50	10	8
44° 37.42'S	167° 52.55'E	WP006	Mitre Peak	1.0'	0.5'	136°	1.4'	50	10	8
44° 38.39'S	167° 53.88'E	WP007	Bridget point	1.0'	0.5'	158°	1.1'	50	11	6
44° 39.46'S	167° 54.49'E	WP008	Milford Sound	0.5'	0.0		10nm		1h 09m	

2



MILFORD SOUND - OUT

Latitude	Longitude	Name	Remark	Radius(n.m)	WOP(n.m)	Course°	Distance'	Xtrack(m)	Time(min)	Speed(kn)
44° 39.46'S	167° 54.49'E	WP008	Milford Sound	0.5'	0.5'	338°	1.1'	50	11	6
44° 38.39'S	167° 53.88'E	WP007	Bridget point	1.0'	0.5'	316°	1.4'	50	10	8
44° 37.42'S	167° 52.55'E	WP006	Mitre Peak	1.0'	0.5'	308°	1.3'	50	10	8
44° 36.62'S	167° 51.11'E	WP005	Copper point	1.0'	0.5'	295°	0.9'	50	6	8
44° 36.26'S	167° 50.02'E	WP004	Stirling Falls	1.0'	0.5'	280°	0.9'	50	5	10
44° 36.10'S	167° 48.80'E	WP003	Dale Point	0.5'	0.5'	340°	2.9'	50	18	10
44° 33.31'S	167° 47.38'E	WP002	St Anne's Point	0.5'	0.5'	294°	1.6'	50	8	12
44° 32.65'S	167° 45.27'E	WP001	Pilot Boarding Ground	0.5'	0.0'		10nm		1h 09m	

NZ 7625

DEPTHS IN METRES

**NOT TO SCALE
NOT FOR NAVIGATION**

NOTE 1: The tracks shown are approximate. The courses steered and wheel over positions will vary depending upon the following:

1. The size of the vessel (including the draft & speed).
2. The handling characteristics of the vessel.
3. The influence of weather & Current

NOTE 2: Pilots support and use BRIDGE RESOURCE MANAGEMENT Master/crew to MONITOR the execution of TRANSIT, ENGINE & HELM ORDERS. Please ASK the Pilot if you are in any doubt about the planned passage or its progress.

NOTE 3: Cruise ships are prohibited from entering the internal waters of Fiordland between Nautical Dusk and Nautical Dawn, unless the pilot or harbourmaster decides that it is necessary to do so due to adverse weather or emergency. Harbour Master may grant specific permission on occasion.

WGS 84 DATUM

THE PRACTICE OF MEDICAL RECORDS is a comprehensive, up-to-date, and practical guide to the use of medical records. It is designed to help health care professionals understand the legal requirements for maintaining medical records, as well as the practical aspects of doing so.

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**Toitū Te Whenua
Land Information
New Zealand**
SOUTH ISLAND - WES COAST
TE AWA-O-TU /
THOMPSON SOUND
AND
DURBEUI SOUND/PATEA

091

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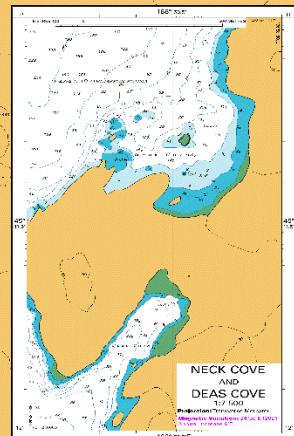
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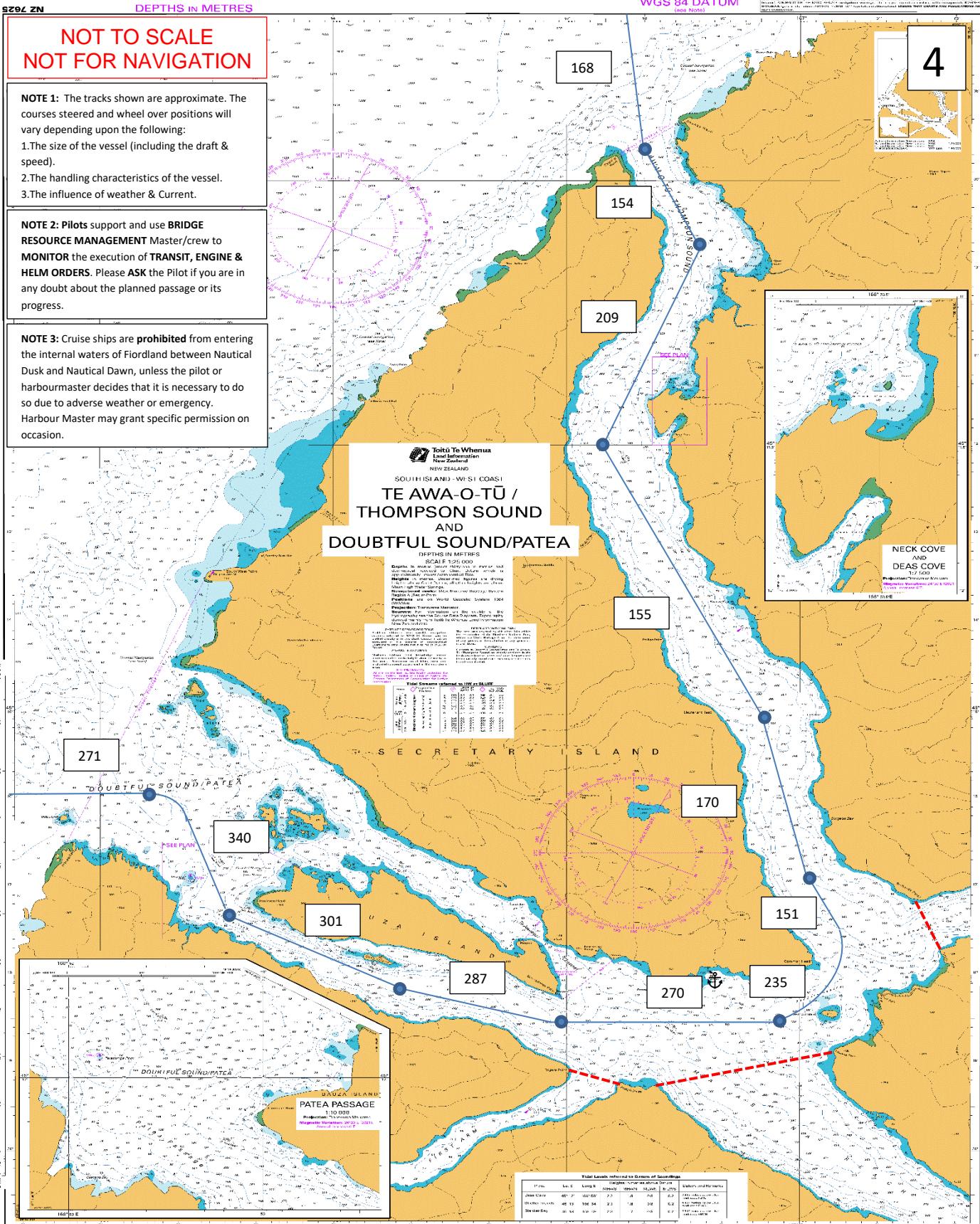
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CK COVE
AND
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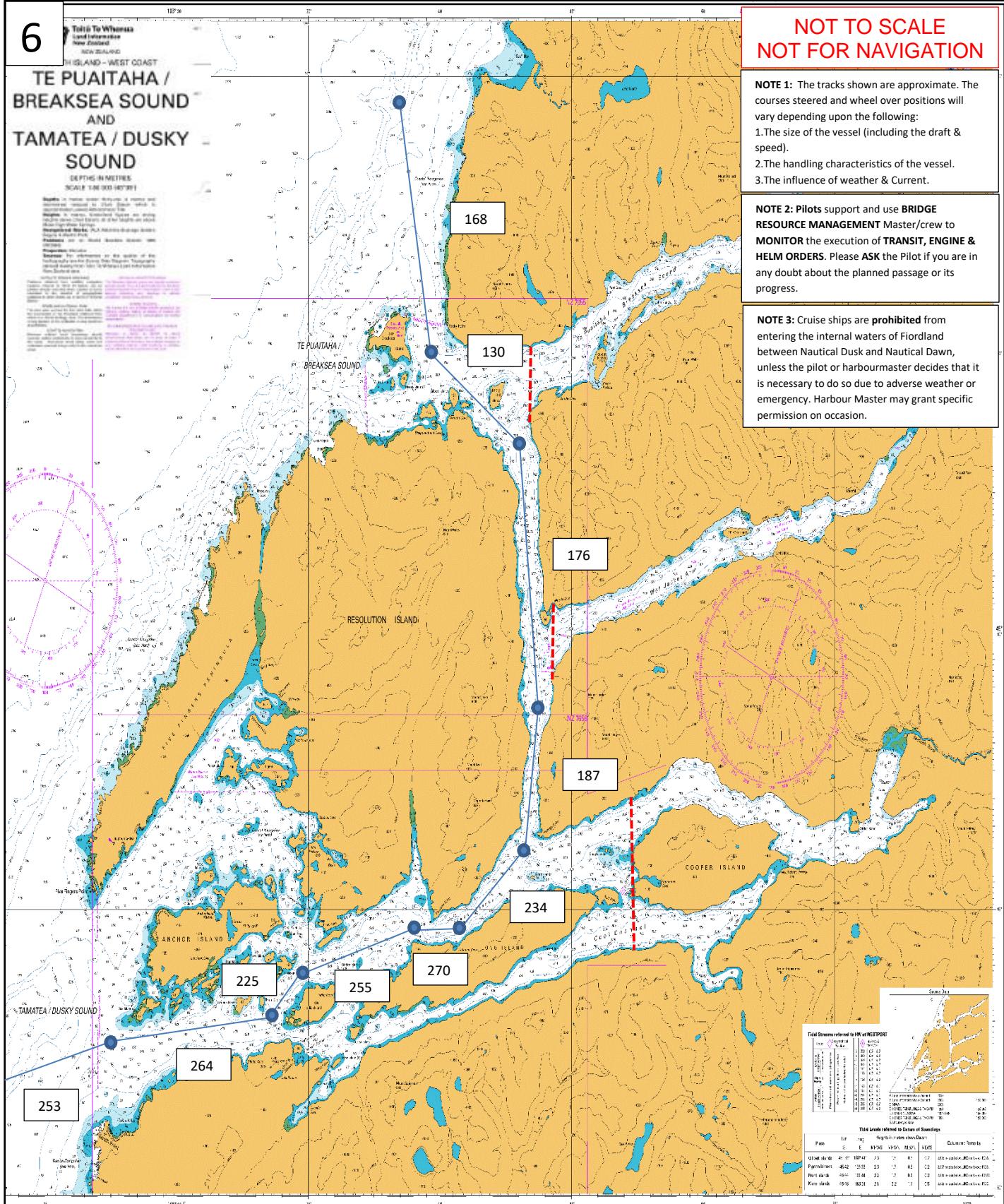
THOMPSON TO DOUBTFUL SOUND NORTH													
Latitude	Longitude	Name	Remark	Radius(n.m)	WOP(n.m)	Course°	Distance'	Xtrack(m)	Time(min)		Speed(kn)		
45° 15.77'S	166° 47.36'E	WP001	Febrero Point	2.0'	0.5'	091	3.2'	50	12		16		
45° 15.83'S	166° 51.89'E	WP002	Enter Doubtful	1.0'	0.5'	160	1.6'	50	6		16		
45° 17.32'S	166° 52.69'E	WP003	Jamieson Head	1.0'	0.5'	121	1.3'	50	6		14		
45° 17.98'S	166° 54.22'E	WP004	Utah Island	1.0'	0.5'	107	1.9'	50	7		16		
45° 18.55'S	166° 56.86'E	WP005	Marcaciones Point	1.0'	0.5'	090	2.0'	50	7		16		
45° 18.55'S	166° 59.64'E	WP006	Seymour Island	1.0'	0.5'	055	1.1'	50	6		14		
45° 17.90'S	167° 00.96'E	WP007	Common Head	0.5'	0.5'	331	1.6'	50	8		14		
45° 16.54'S	166° 59.87'E	WP008	Surgeon Bay	1.0'	0.5'	350	1.5'	50	6		16		
45° 15.07'S	166° 59.52'E	WP009	Lieutenant Head	1.0'	0.5'	335	3.6'	50	14		16		
45° 11.79'S	166° 57.33'E	WP010	Deas Cove	1.0'	0.5'	029	2.2'	50	8		16		
45° 09.85'S	166° 58.85'E	WP011	Open Cove	1.0'	0.5'	334	1.4'	50	5		16		
45° 08.59'S	166° 57.98'E	WP012	Colonial head	1.0'	0.5'	348	2.5'	50	9		16		
45° 06.18'S	166° 57.25'E	WP013	Exit Doubtful	3.0'	0	24 nm		1h 34m					



DOUBTFUL TO THOMPSON SOUND SOUTH

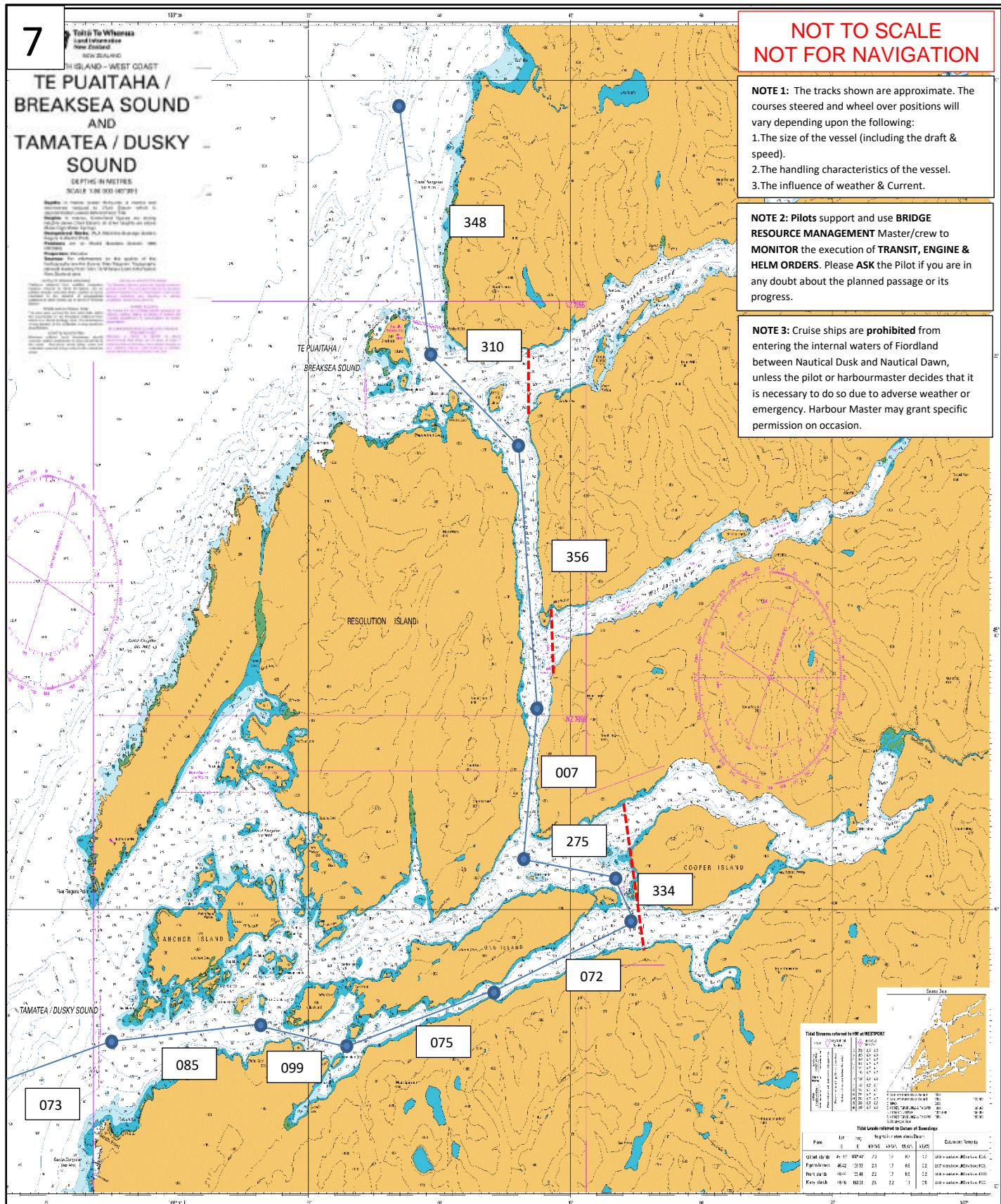
Latitude	Longitude	Name	Remark	Radius(n.m)	WOP(n.m)	Course°	Distance'	Xtrack(m)	Time(min)	Speed(kn)
45° 06.18'S	166° 57.25'E	WP013	Enter Doubtful	3.0'	0.5'	168	2.5'	50	9	16
45° 08.59'S	166° 57.98'E	WP012	Colonial head	1.0'	0.5'	154	1.4'	50	5	16
45° 09.85'S	166° 58.85'E	WP011	Open Cove	1.0'	0.5'	209	2.2'	50	8	16
45° 11.79'S	166° 57.33'E	WP010	Deas Cove	1.0'	0.5'	155	3.6'	50	14	16
45° 15.07'S	166° 59.52'E	WP009	Lieutenant Head	1.0'	0.5'	170	1.5'	50	6	16
45° 16.54'S	166° 59.87'E	WP008	Surgeon Bay	1.0'	0.5'	151	1.6'	50	8	14
45° 17.90'S	167° 00.96'E	WP007	Common Head	0.5'	0.5'	235	1.1'	50	6	14
45° 18.55'S	166° 59.64'E	WP006	Seymour Island	1.0'	0.5'	270	2.0'	50	7	16
45° 18.55'S	166° 56.86'E	WP005	Marcaciones Point	1.0'	0.5'	287	1.9'	50	7	16
45° 17.98'S	166° 54.22'E	WP004	Utah Island	1.0'	0.5'	301	1.3'	50	6	14
45° 17.32'S	166° 52.69'E	WP003	Jamieson Head	1.0'	0.5'	340	1.6'	50	6	16
45° 15.83'S	166° 51.89'E	WP002	Enter Doubtful	1.0'	0.5'	271	3.2'	50	12	16
45° 15.77'S	166° 47.36'E	WP001	Febrero Point	2.0'	0		24 nm		1h 34m	

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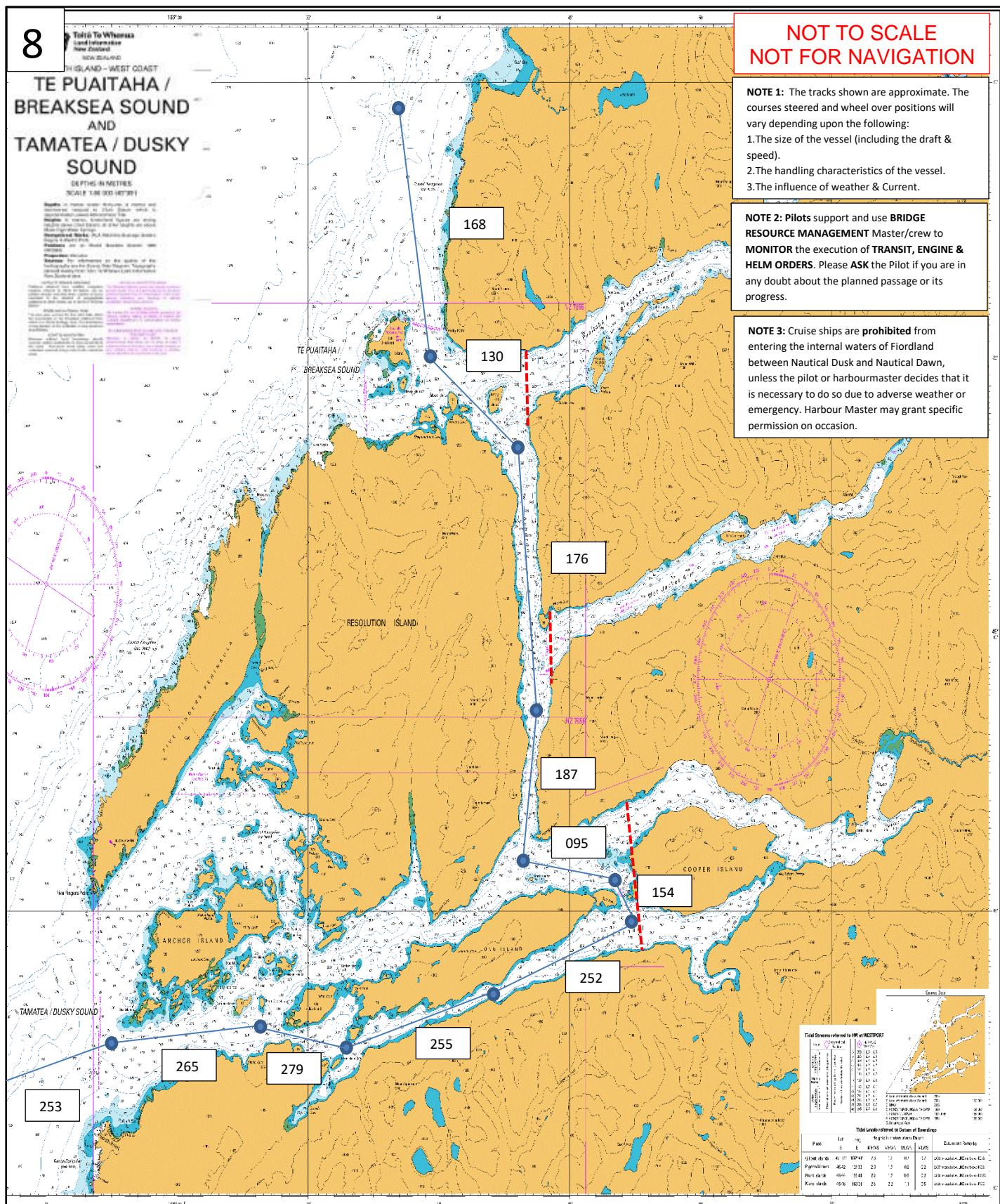
BREAKSEA TO DUSKY SOUND SOUTH

Latitude	Longitude	Name	Remark	Radius(n.m)	WOP(n.m)	Course°	Distance'	Xtrack(m)	Time(min)	Speed(kn)
45° 30.80'S	166° 38.43'E	WP012	Enter Breaksea Sound	3.0'	0.5'	168	4.1	50	15	16
45° 34.84'S	166° 39.68'E	WP011	Breaksea Island	1.0'	0.5'	130	3.3	50	12	16
45° 36.96'S	166° 43.30'E	WP010	Occasional Cove	1.0'	0.5'	176	4.4	50	17	16
45° 41.41'S	166° 43.74'E	WP009	Passage Point	1.0'	0.5'	187	2.6	50	10	16
45° 44.07'S	166° 43.27'E	WP008	Front Island	2.0'	0.5'	234	2.1	50	8	16
45° 45.36'S	166° 40.76'E	WP007	Bowen Channel	1.0'	0.5'	270	1.2	50	5	16
45° 45.36'S	166° 38.96'E	WP006	Duck Cove	2.0'	0.5'	255	3	50	11	16
45° 46.14'S	166° 34.83'E	WP005	Indian Island	1.0'	0.5'	225	1.2	50	5	16
45° 47.02'S	166° 33.55'E	WP004	Normans Island	1.0'	0.5'	264	4.3	50	16	16
45° 47.48'S	166° 27.35'E	WP003	Anchor Island	3.0'	0.5'	253	3.3	50	12	16
45° 48.43'S	166° 22.79'E	WP002	Exit dusky Sound	3.0'	0		30 NM		1H 51M	



DUSKY TO BREAKSEA SOUND VIA PAGET PASSAGE NORTH

Latitude	Longitude	Name	Remark	Radius(n.m)	WOP(n.m)	Course°	Distance'	Xtrack(m)	Time(min)	Speed(kn)
45° 48.43'S	166° 22.79'E	WP002	Enter dusky Sound	3.0'	0.5'	073	3.3	50	12	16
45° 47.48'S	166° 27.35'E	WP003	Anchor Island	3.0'	0.5'	085	4.2	50	16	16
45° 47.12'S	166° 33.29'E	WP004	Normans Island	1.0'	0.5'	099	2.3	50	12	12
45° 47.50'S	166° 36.58'E	WP005	Curlew Point	1.0'	0.5'	075	3.9	50	19	12
45° 46.50'S	166° 41.99'E	WP006	Long Island	0.5'	0.5'	072	3.8	50	19	12
45° 45.26'S	166° 47.34'E	WP007	Paget South	0.5'	0.5'	334	0.9	50	7	8
45° 44.29'S	166° 46.66'E	WP008	Paget North	0.5'	0.5'	275	2.2	50	11	12
45° 44.06'S	166° 43.27'E	WP009	Front Island	0.5'	0.5'	007	2.6	50	10	16
45° 41.41'S	166° 43.74'E	WP010	Passage Point	1.0'	0.5'	356	4.4	50	17	16
45° 36.96'S	166° 43.30'E	WP011	Occasional Cove	1.0'	0.5'	310	3.3	50	12	16
45° 34.84'S	166° 39.68'E	WP012	Breaksea Island	1.0'	0.5'	348	4.1	50	15	16
45° 30.80'S	166° 38.43'E	WP013	Exit Breaksea Sound	3.0'	0		35NM		2H 30M	



BREAKSEA TO DUSKY SOUND VIA PAGET PASSAGE SOUTH

Latitude	Longitude	Name	Remark	Radius(n.m)	WOP(n.m)	Course°	Distance'	Xtrack(m)	Time(min)	Speed(kn)
45° 30.80'S	166° 38.43'E	WP013	Enter Breaksea Sound	3.0'	0.5'	168	4.1	50	15	16
45° 34.84'S	166° 39.68'E	WP012	Breaksea Island	1.0'	0.5'	130	3.3	50	12	16
45° 36.96'S	166° 43.30'E	WP011	Occasional Cove	1.0'	0.5'	176	4.4	50	17	16
45° 41.41'S	166° 43.74'E	WP010	Passage Point	1.0'	0.5'	187	2.6	50	10	16
45° 44.06'S	166° 43.27'E	WP009	Front Island	0.5'	0.5'	095	2.2	50	11	12
45° 44.29'S	166° 46.66'E	WP008	Paget North	0.5'	0.5'	154	0.9	50	7	8
45° 45.26'S	166° 47.34'E	WP007	Paget South	0.5'	0.5'	252	3.8	50	19	12
45° 46.50'S	166° 41.99'E	WP006	Long Island	0.5'	0.5'	255	3.9	50	19	12
45° 47.50'S	166° 36.58'E	WP005	Curlew Point	1.0'	0.5'	279	2.3	50	12	12
45° 47.12'S	166° 33.29'E	WP004	Normans Island	1.0'	0.5'	265	4.2	50	16	16
45° 47.48'S	166° 27.35'E	WP003	Anchor Island	3.0'	0.5'	253	3.3	50	12	16
45° 48.43'S	166° 22.79'E	WP002	Exit dusky Sound	3.0'	0		35NM		2H 30M	

STEWART ISLAND-EASTERN APPROACH

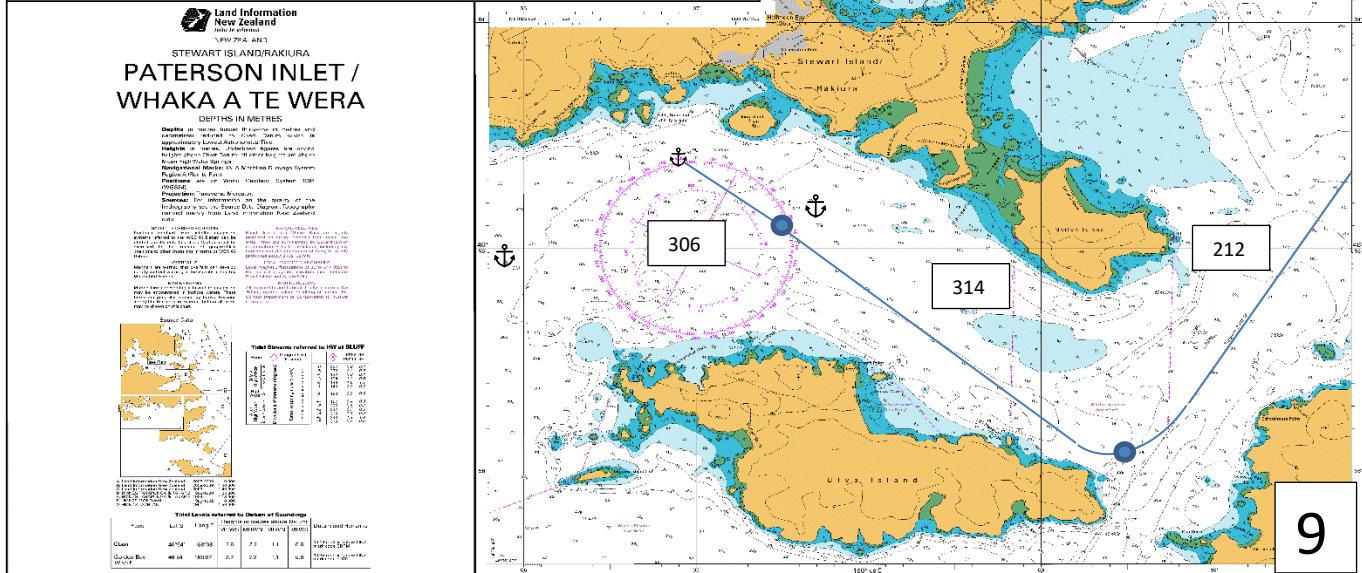
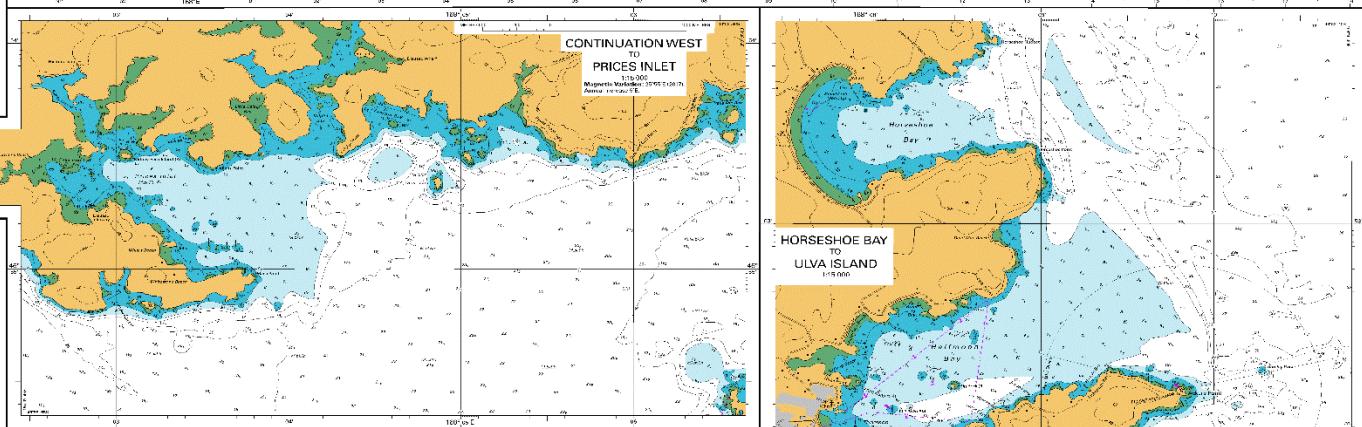
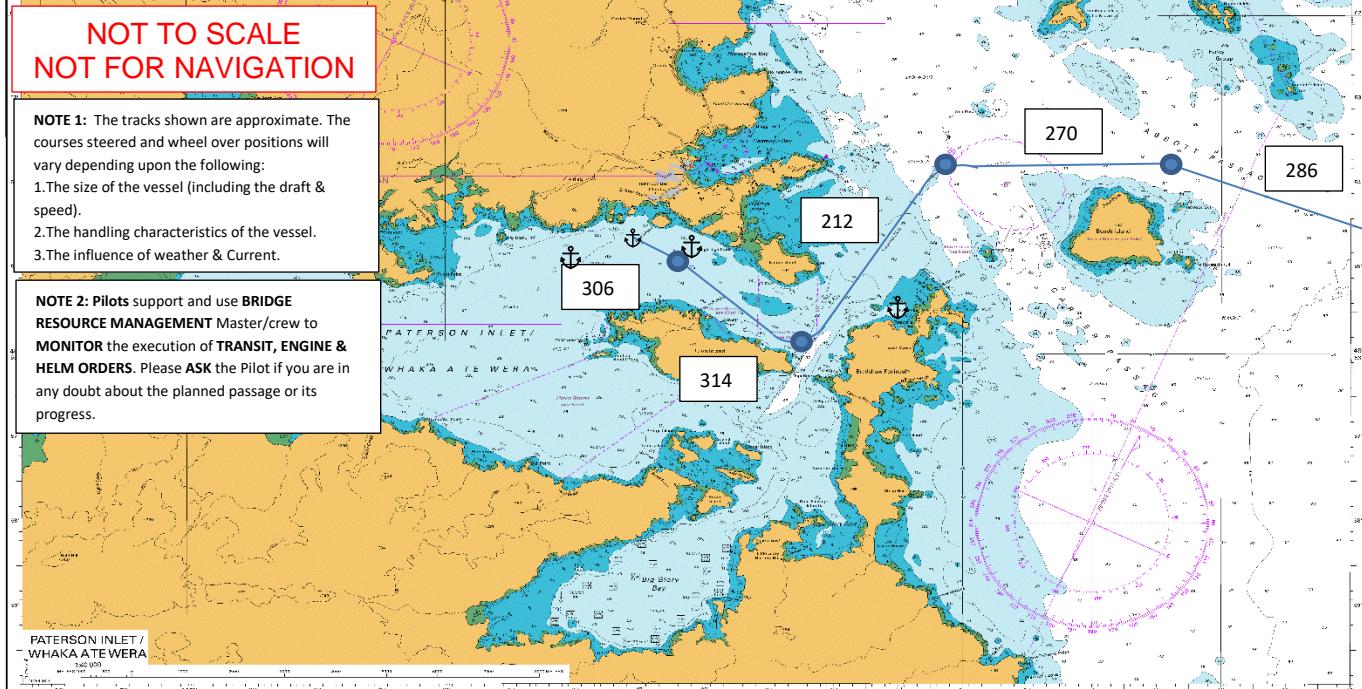
Latitude	Longitude	Name	Remark	Radius(n.m)	WOP(n.m)	Course°	Distance°	Xtrack(m)	Time(min)	Speed(kn)
46° 54.53'S	168° 19.24'E	WP001	East Approach	1.0'	0.5'	286	2.9	50	15	12
46° 53.70'S	168° 15.15'E	WP002	Flat rock	1.0'	0.5'	270	2.3	50	12	12
46° 53.70'S	168° 11.68'E	WP003	Fast rock	1.0'	0.5'	212	2.6	50	13	12
46° 56.12'S	168° 09.45'E	WP004	Ulva island	0.75'	0.5'	314	1.5	50	15	6
46° 54.96'S	168° 07.68'E	WP005	Iona island	1.0'	0.5'	306	0.6	50	10	4
45° 54.58'S	168° 06.92'E	WP006	Anchorage	1.0'	0.5'	9.9NM		1H 3M		

NOT TO SCALE
NOT FOR NAVIGATION

NOTE 1: The tracks shown are approximate. The courses steered and wheel over positions will vary depending upon the following:

- 1.The size of the vessel (including the draft & speed).
- 2.The handling characteristics of the vessel.
- 3.The influence of weather & Current.

NOTE 2: Pilots support and use BRIDGE RESOURCE MANAGEMENT Master/crew to MONITOR the execution of TRANSIT, ENGINE & HELM ORDERS. Please ASK the Pilot if you are in any doubt about the planned passage or its progress.



STEWART ISLAND-EASTERN DEPARTURE

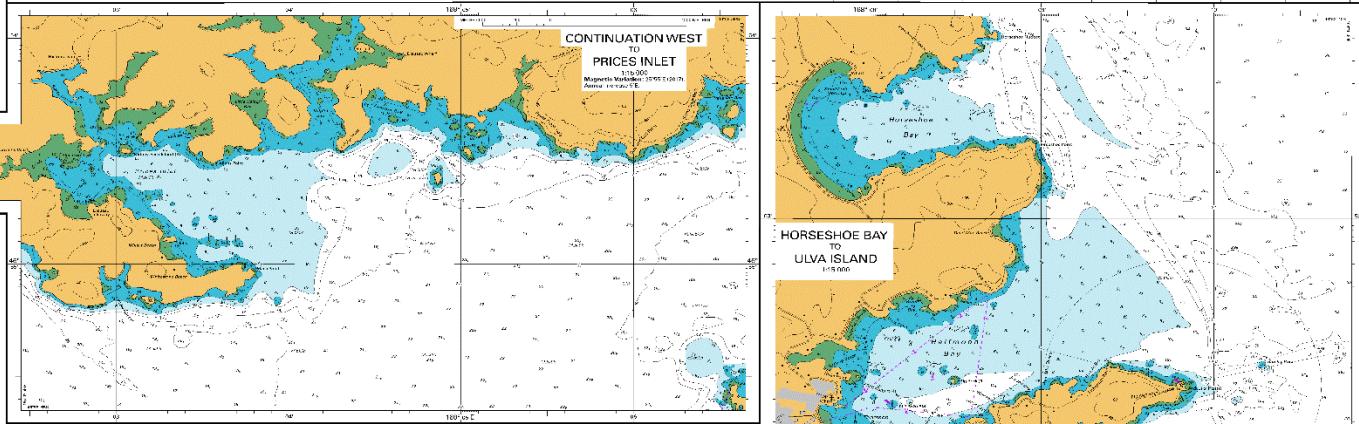
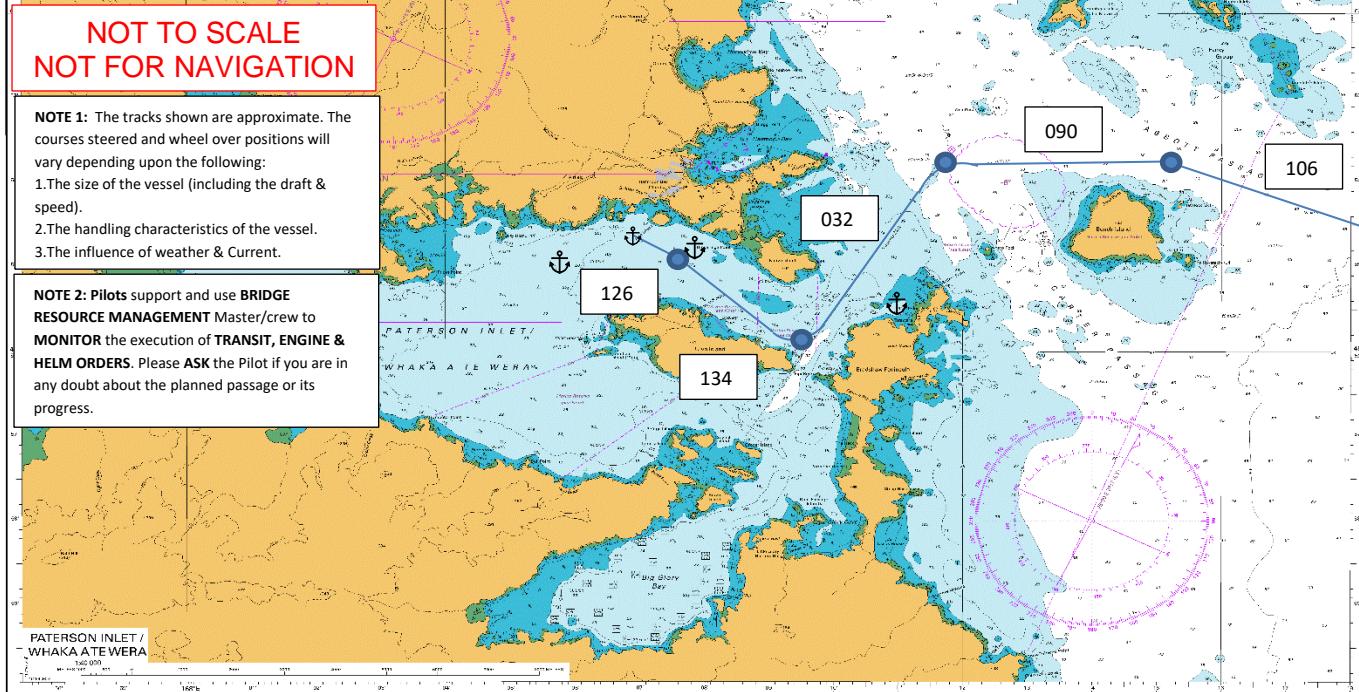
Latitude	Longitude	Name	Remark	Radius(n.m)	WOP(n.m)	Course°	Distance'	Xtrack(m)	Time(min)	Speed(kn)
45° 54.58'S	168° 06.92'E	WP006	Anchorage	1.0'	0.5'	126	0.6	50	10	4
46° 54.96'S	168° 07.68'E	WP005	Iona island	1.0'	0.5'	134	1.5	50	15	6
46° 56.12'S	168° 09.45'E	WP004	Ulva island	0.75'	0.5'	032	2.6	50	13	12
46° 53.70'S	168° 11.68'E	WP003	Fast rock	1.0'	0.5'	90	2.3	50	12	12
46° 53.70'S	168° 15.15'E	WP002	Flat rock	1.0'	0.5'	106	2.9	50	15	12
46° 54.53'S	168° 19.24'E	WP001	East Approach	1.0'	0.5'	9.9NM		1H 3M		

**NOT TO SCALE
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- 1.The size of the vessel (including the draft & speed).
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WHAKAATE WERA

DEPTHS IN METRES

SHALLOW BATHYMETRY

Shallow bathymetry is used to map the seabed in areas where the water is less than 100m deep. This data is collected using a multi-beam echosounder system.

DEEP BATHYMETRY

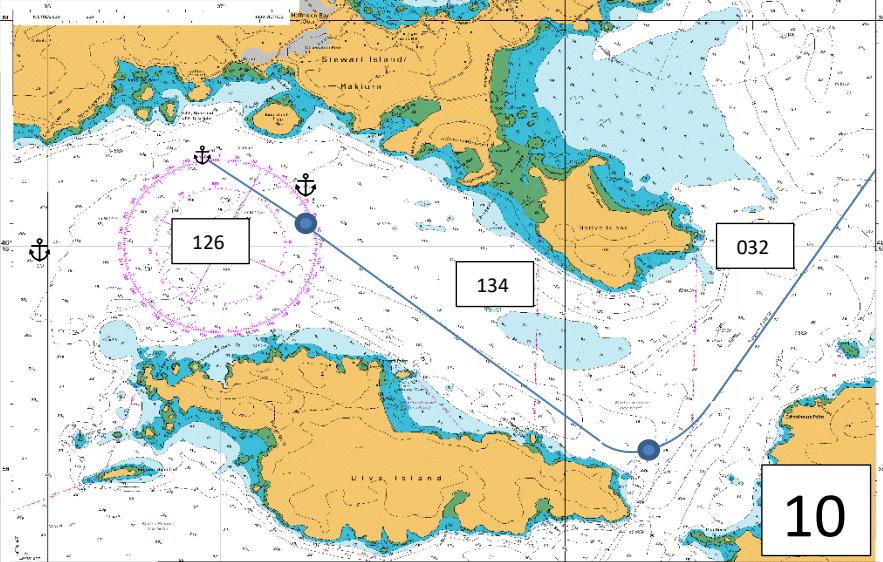
Deep bathymetry is used to map the seabed in areas where the water is greater than 100m deep. This data is collected using a single-beam echosounder system.

DEPTHS REFERRED TO NAVY LEVEL

Depth	Metres	Feet
Sea level	0	0
100	328	1000
200	656	2000
300	984	3000
400	1312	4000
500	1640	5000
600	1968	6000
700	2296	7000
800	2624	8000
900	2952	9000
1000	3280	10000

TOTAL LENGTH REFERRED TO DEPTH OF 1000M

Length	Metres	Feet
0-100	0-328	0-1000
100-200	328-656	1000-2000
200-300	656-984	2000-3000
300-400	984-1312	3000-4000
400-500	1312-1640	4000-5000
500-600	1640-1968	5000-6000
600-700	1968-2296	6000-7000
700-800	2296-2624	7000-8000
800-900	2624-2952	8000-9000
900-1000	2952-3280	9000-10000



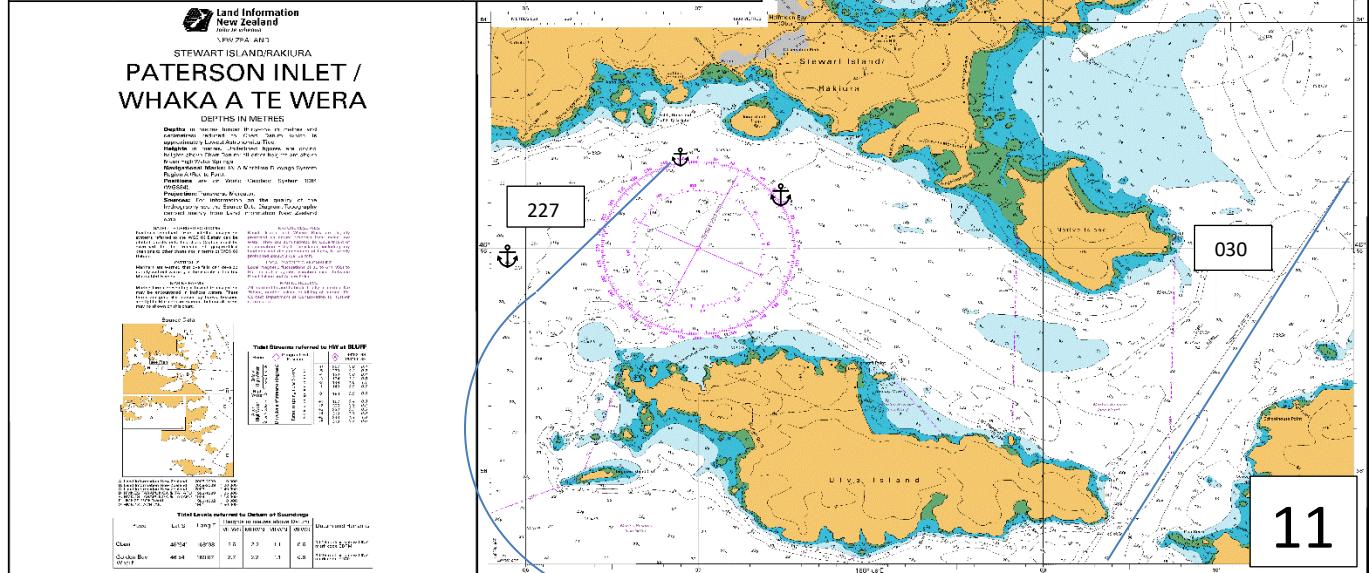
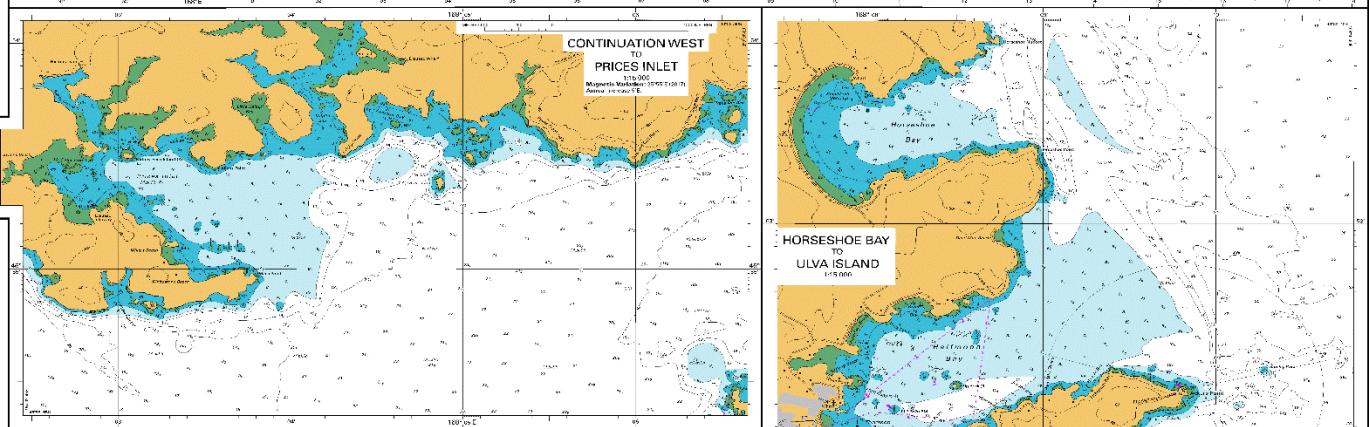
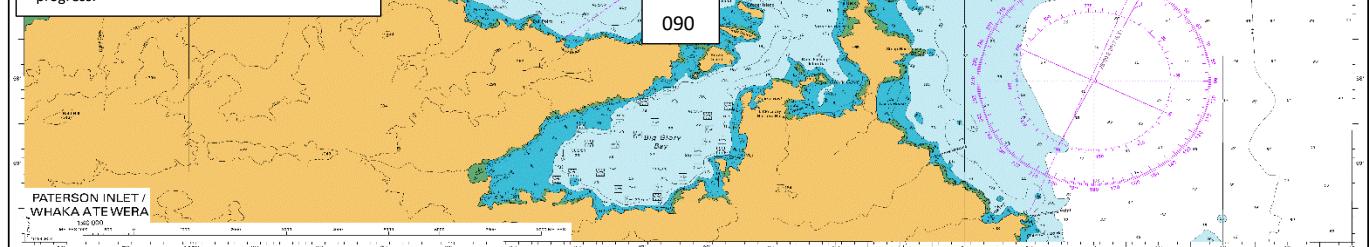
STEWART ISLAND-EASTERN DEPARTURE SOUTH OF ULVA ISLAND

Latitude	Longitude	Name	Remark	Radius(n.m)	WOP(n.m)	Course°	Distance'	Xtrack(m)	Time(min)	Speed(kn)
45° 54.58'S	168° 06.92'E	WP001	Anchorage	1.0'	0.5'	227	1.6	50	24	4
46° 55.68'S	168° 05.17'E	WP002	West Ulva	0.75'	0.5'	148	1.2	50	9	8
46° 56.69'S	168° 06.07'E	WP003	Tamihau Is	1.0'	0.5'	090	2.1	50	15	8
46° 56.70'S	168° 09.09'E	WP004	South Ulva	1.0'	0.5'	030	3.5	50	26	8
46° 53.70'S	168° 11.67'E	WP005	Fast Rock	1.0'	0.5'	090	2.4	50	12	12
46° 53.70'S	168° 15.15'E	WP006	Flat Rock	1.0'	0.5'	106	2.9	50	15	12
46° 54.53'S	168° 19.24'E	WP007	To Port Chalmers	1.0'	0.5'				1H 41M	

**NOT TO SCALE
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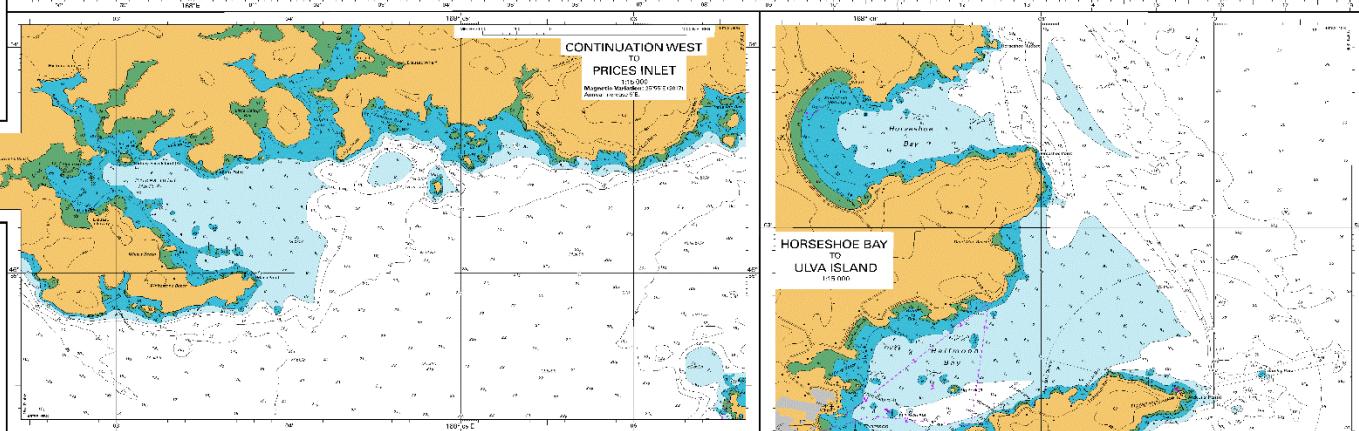
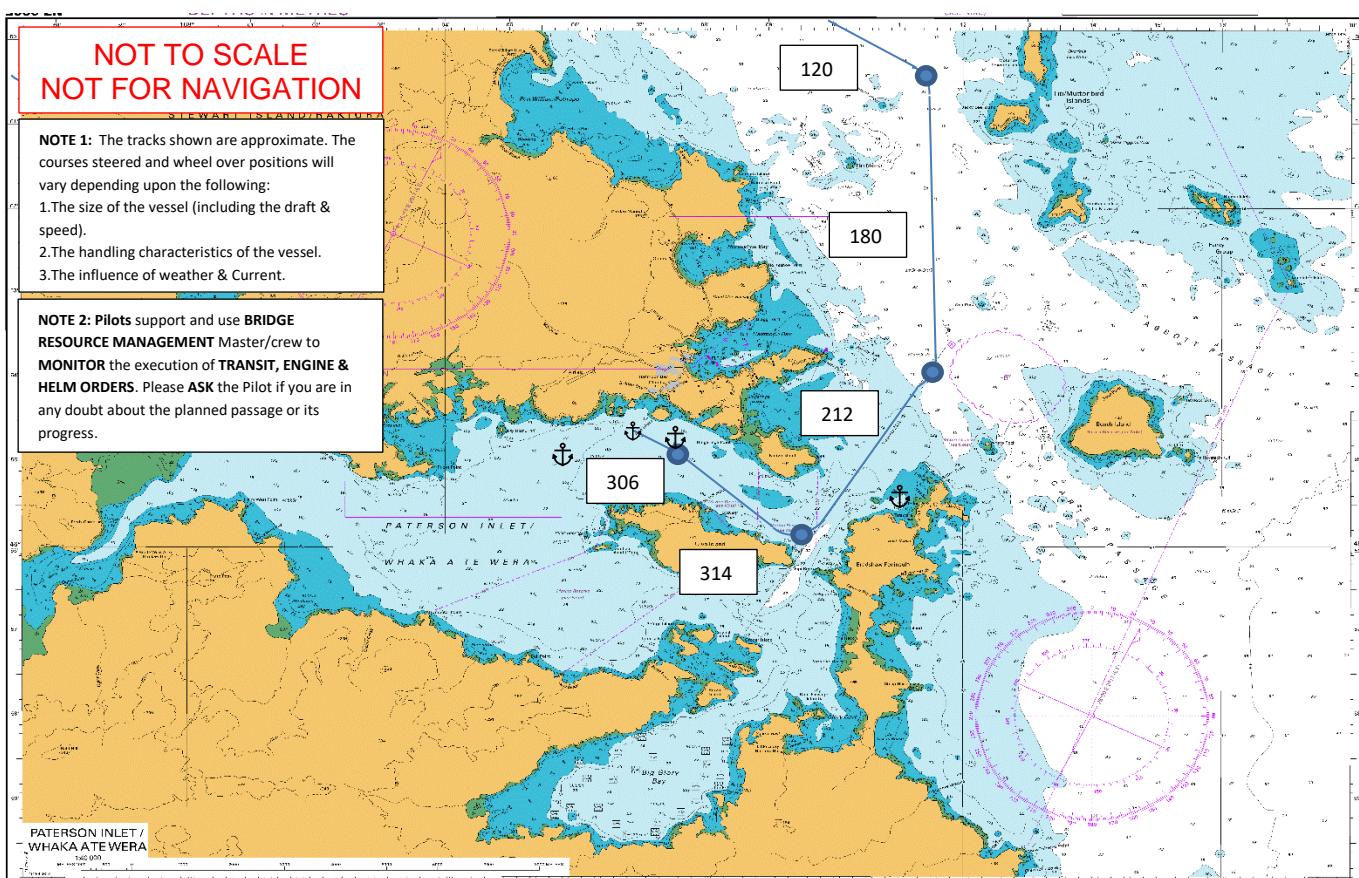


**NOT TO SCALE
NOT FOR NAVIGATION**

NOTE 1: The tracks shown are approximate. The courses steered and wheel over positions will vary depending upon the following:

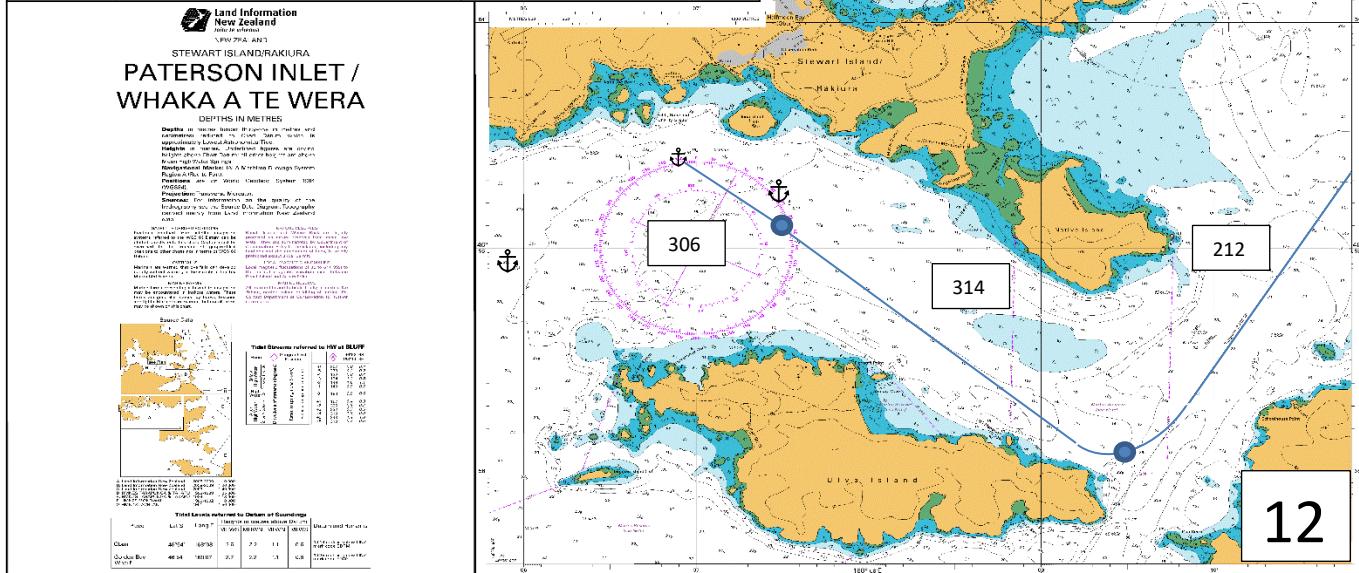
- 1.The size of the vessel (including the draft & speed).
- 2.The handling characteristics of the vessel.
- 3.The influence of weather & Current.

NOTE 2: Pilots support and use BRIDGE RESOURCE MANAGEMENT Master/crew to MONITOR the execution of TRANSIT, ENGINE & HELM ORDERS. Please ASK the Pilot if you are in any doubt about the planned passage or its progress.



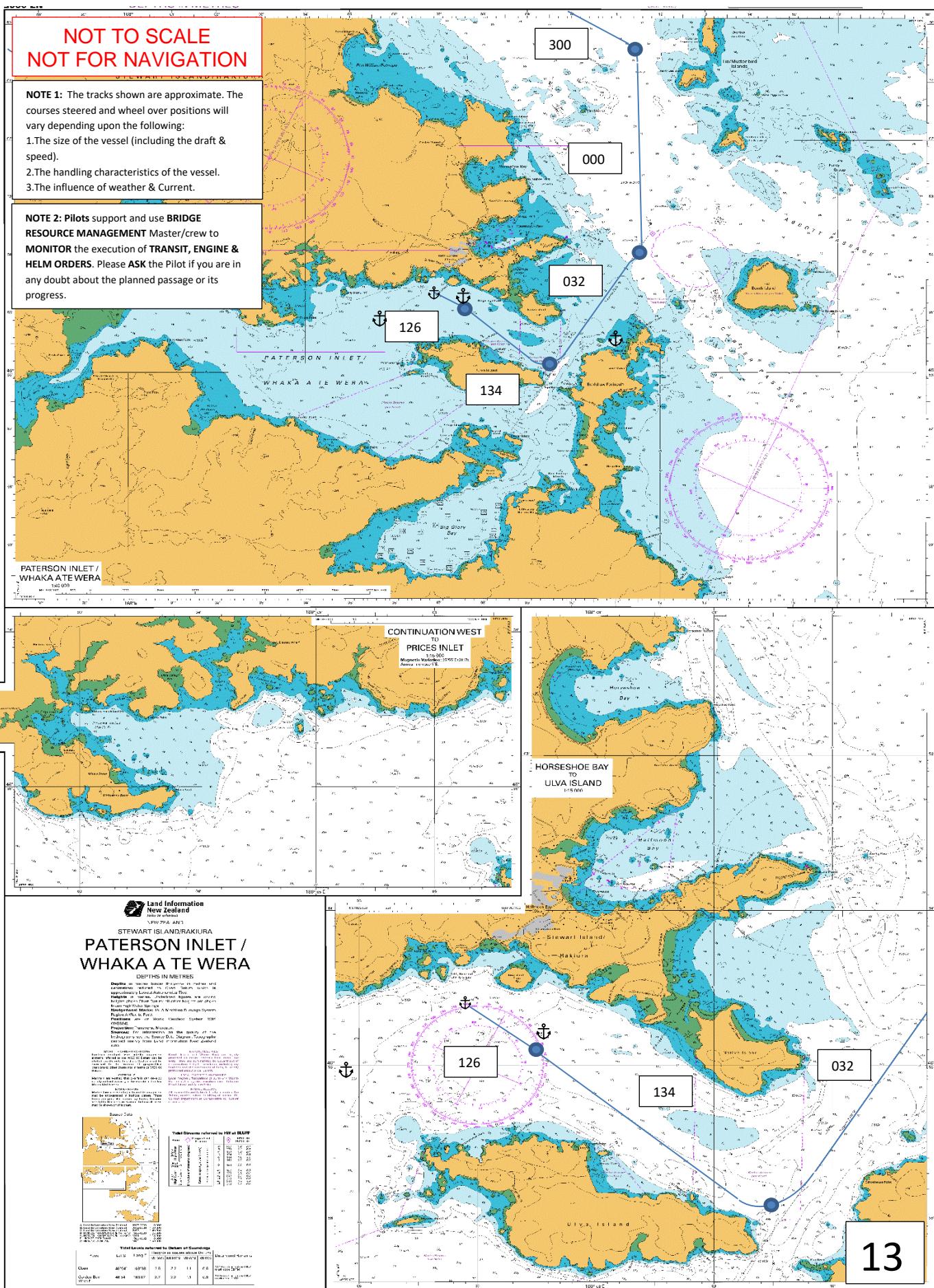

**Land Information
New Zealand**
 Mana Rauhī
 LVN 778 ANZ

STEWART ISLAND/RAKIURA
PATERSON INLET /
WHAKAATE WERA



STEWART ISLAND-NORTHERN APPROACH

Latitude	Longitude	Name	Remark	Radius(n.m)	WOP(n.m)	Course°	Distance'	Xtrack(m)	Time(min)	Speed(kn)
46° 49.48'S	168° 08.87'E	WP001	North Approach	1.0'	0.5'	120	2.2	50	11	12
46° 50.60'S	168° 11.68'E	WP002	Polybank Shoal	1.0'	0.5'	180	3.1	50	16	12
46° 53.70'S	168° 11.68'E	WP003	Fast rock	1.0'	0.5'	212	2.8	50	14	12
46° 56.12'S	168° 09.45'E	WP004	Ulva island	0.75'	0.5'	314	1.7	50	15	6
46° 54.96'S	168° 07.68'E	WP005	Iona island	1.0'	0.5'	306	0.6	50	10	4
46° 54.58'S	168° 06.92'E	WP006	Anchorage	1.0'	0.5'	10NM		1H 7M		



Latitude	Longitude	Name	Remark	Radius(n.m)	WOP(n.m)	Course°	Distance'	Xtrack(m)	Time(min)	Speed(kn)
46° 54.58'S	168° 06.92'E	WP006	Anchorage	1.0'	0.5'	126	0.6	50	10	4
46° 54.96'S	168° 07.68'E	WP005	Iona island	1.0'	0.5'	134	1.7	50	15	6
46° 56.12'S	168° 09.45'E	WP004	Ulva island	0.75'	0.5'	032	2.8	50	14	12
46° 53.70'S	166° 11.68'E	WP003	Fast rock	1.0'	0.5'	000	3.1	50	16	12
46° 50.60'S	168° 11.68'E	WP002	Polybank Shoal	1.0'	0.5'	300	2.2	50	11	12
46° 49.48'S	168° 08.87'E	WP001	North Approach	1.0'	0.5'		10NM		1H 7M	

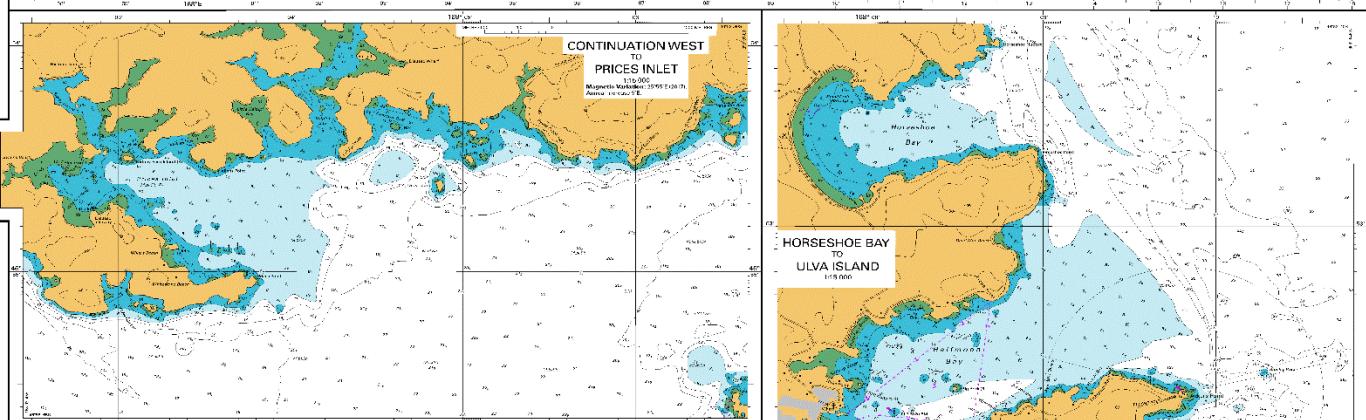
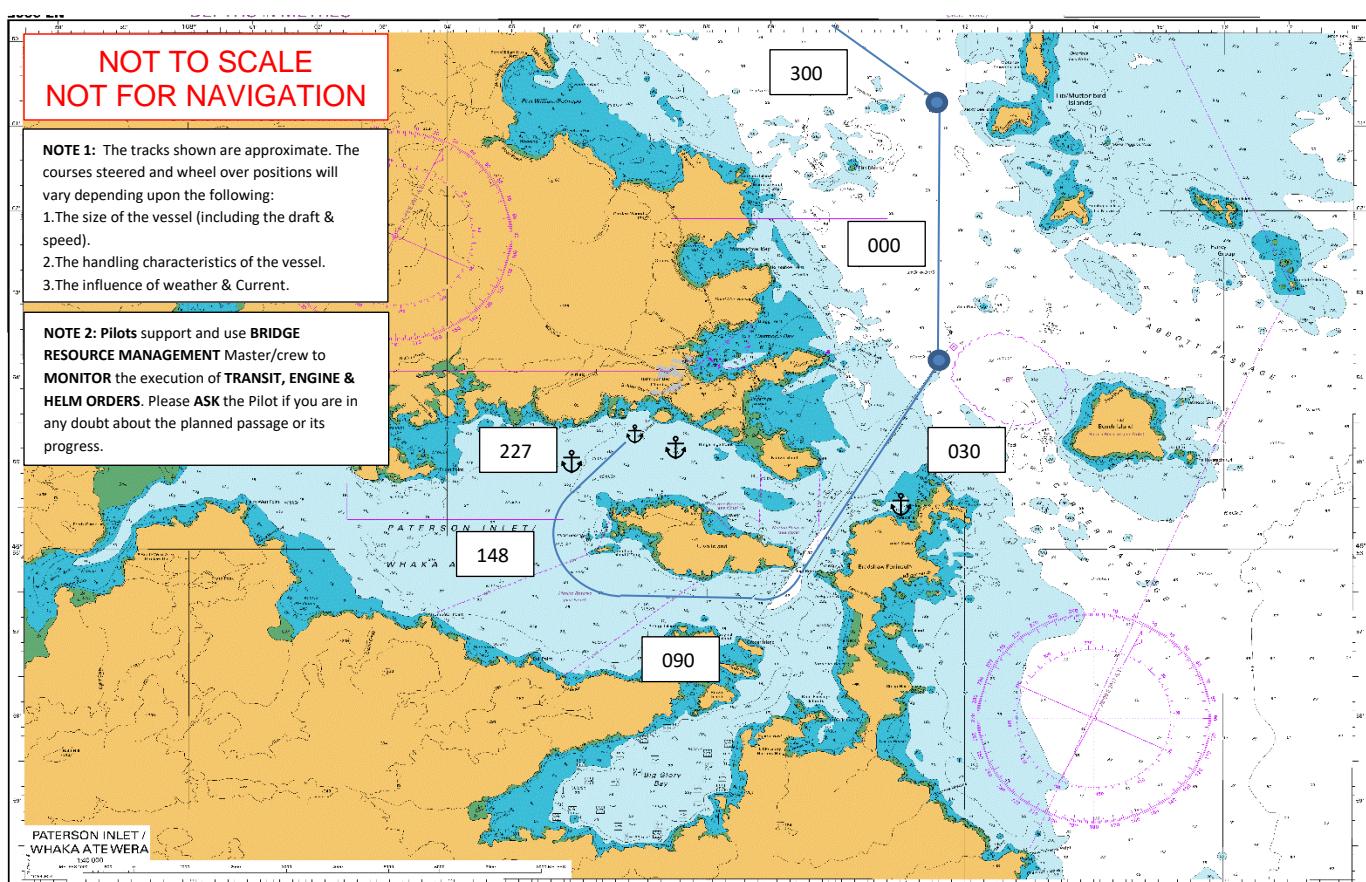
NOT TO SCALE
NOT FOR NAVIGATION

NOTE 1: The tracks shown are approximate. The courses steered and wheel over positions will vary depending upon the following:

- 1.The size of the vessel (including the draft &

- speed).
 - 2. The handling characteristics of the vessel.
 - 3. The influence of weather & Current.

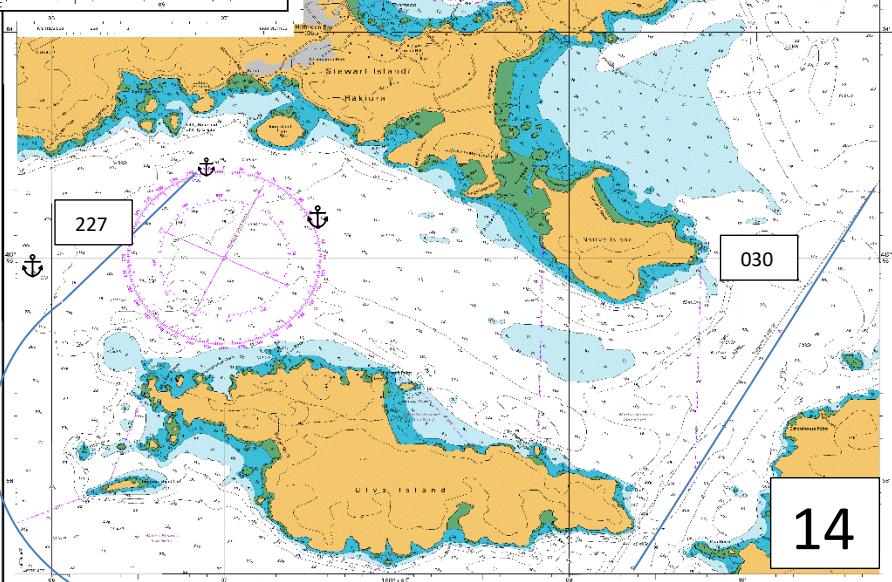
NOTE 2: Pilots support and use BRIDGE RESOURCE MANAGEMENT Master/crew to MONITOR the execution of TRANSIT, ENGINE & HELM ORDERS. Please ASK the Pilot if you are in any doubt about the planned passage or its progress.



**Land Information
New Zealand**
Te Mana Rauhī Taiao
LNI 77A ANI
STEWART ISLAND/RAKIURA
PATERSON INLET /
WILAKA A TE WERA

WHAKA A TE WE
DEPTHS IN METRES
Depths in fathoms listed alongside in meter and
centimetre readings. One fathom equals 1.8
metres; one centimetre equals 0.03 metre.

Baseline		Baseline + 10% Increase		Baseline + 20% Increase		Baseline + 30% Increase		Baseline + 40% Increase		Baseline + 50% Increase	
Class	Lat/Long	Area (km ²)									
Baseline	40-45°N, 100-120°E	10788	11867	12946	14025	15103	16182	17260	18338	19416	20494
Baseline	45-50°N, 100-120°E	10788	11867	12946	14025	15103	16182	17260	18338	19416	20494
Baseline	50-55°N, 100-120°E	10788	11867	12946	14025	15103	16182	17260	18338	19416	20494
Baseline	55-60°N, 100-120°E	10788	11867	12946	14025	15103	16182	17260	18338	19416	20494
Baseline	60-65°N, 100-120°E	10788	11867	12946	14025	15103	16182	17260	18338	19416	20494
Baseline	65-70°N, 100-120°E	10788	11867	12946	14025	15103	16182	17260	18338	19416	20494
Baseline	70-75°N, 100-120°E	10788	11867	12946	14025	15103	16182	17260	18338	19416	20494
Baseline	75-80°N, 100-120°E	10788	11867	12946	14025	15103	16182	17260	18338	19416	20494
Baseline	80-85°N, 100-120°E	10788	11867	12946	14025	15103	16182	17260	18338	19416	20494
Baseline	85-90°N, 100-120°E	10788	11867	12946	14025	15103	16182	17260	18338	19416	20494
Total		10788	11867	12946	14025	15103	16182	17260	18338	19416	20494
Total Land area within the Domain of Simulation											
Class	Lat/Long	Area (km ²)									
Baseline	40-45°N, 100-120°E	10788	11867	12946	14025	15103	16182	17260	18338	19416	20494
Baseline	45-50°N, 100-120°E	10788	11867	12946	14025	15103	16182	17260	18338	19416	20494
Baseline	50-55°N, 100-120°E	10788	11867	12946	14025	15103	16182	17260	18338	19416	20494
Baseline	55-60°N, 100-120°E	10788	11867	12946	14025	15103	16182	17260	18338	19416	20494
Baseline	60-65°N, 100-120°E	10788	11867	12946	14025	15103	16182	17260	18338	19416	20494
Baseline	65-70°N, 100-120°E	10788	11867	12946	14025	15103	16182	17260	18338	19416	20494
Baseline	70-75°N, 100-120°E	10788	11867	12946	14025	15103	16182	17260	18338	19416	20494
Baseline	75-80°N, 100-120°E	10788	11867	12946	14025	15103	16182	17260	18338	19416	20494
Baseline	80-85°N, 100-120°E	10788	11867	12946	14025	15103	16182	17260	18338	19416	20494
Baseline	85-90°N, 100-120°E	10788	11867	12946	14025	15103	16182	17260	18338	19416	20494
Total		10788	11867	12946	14025	15103	16182	17260	18338	19416	20494



STEWART ISLAND-NORTHERN DEPARTURE SOUTH OF ULVA ISLAND

Latitude	Longitude	Name	Remark	Radius(n.m)	WOP(n.m)	Course°	Distance	Xtrack(m)	Time(min)	Speed(kn)
46° 54.58'S	168° 06.92'E	WP001	Anchorage	1.0'	0.5'	226	1.5	50	23	4
46° 55.66'S	168° 05.28'E	WP002	West Ulva	0.75'	0.5'	150	1.2	50	9	8
46° 56.67'S	168° 06.14'E	WP003	Tamihau Is	1.0'	0.5'	090	2.0	50	15	8
46° 56.67'S	168° 09.10'E	WP004	South Ulva	1.0'	0.5'	030	3.5	50	26	8
46° 53.70'S	166° 11.67'E	WP005	Fast Rock	1.0'	0.5'	000	3.1	50	16	12
46° 50.60'S	168° 11.68'E	WP006	Poly Bank Shoal	1.0'	0.5'	300	2.2	50	11	12
46° 49.48'S	168° 08.87'E	WP007	To Fjordlands	1.0'	0	14NM			1H 40M	