

Environmental Protection

IDENTIFIED USES OF TIDAL WATERS VOLUME 1

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TWU/92/14
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NRA

National Rivers Authority

South West Region

IDENTIFIED USES OF TIDAL WATERS

TECHNICAL REPORT TWU/92/14

VOLUME 1

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ENVIRONMENT AGENCY



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Maps 21 - 40 are contained in Volume 2.

IDENTIFIED USES OF TIDAL WATERS

1. INTRODUCTION

The NRA South West region has thus far, only formally identified water quality objectives for tidal waters where areas have been identified under the particular European Commission Directives (eg. Bathing Water Directive and Shellfish Waters Directive). This report is the result of an exercise which has been carried out to identify all legitimate uses in tidal waters around the region.

The identification of uses is essential because water quality standards are assigned to each use. In any particular water the more stringent standard of the relevant uses will apply. These form the basis of targets to maintain and improve water quality.

2. REVIEW PROCESS

A project team was set up in 1990 with the following terms of reference:-

- (a) To examine the inherited uses of the Region's controlled waters.
- (b) To identify the extent of controlled waters and the current water quality monitoring programme.
- (c) To review the definitions of existing water uses and confirm water use definitions.
- (d) To propose current and potential water uses for surface freshwaters based on the current monitoring network.
- (e) To propose current and potential uses for groundwaters.
- (f) To propose current and potential uses for tidal waters.

3. REVIEW OF WATER USES

The following categories of uses have been developed:-

- (i) basic amenity
- (ii) general ecosystem
- (iii) special ecosystem
- (iv) migratory fishery
- (v) commercial harvesting of fish
- (vi) commercial harvesting of shellfish
- (vii) water contact activity
- (viii) industrial and/or agricultural use
- (ix) emergency services

The definitions of these uses were reviewed and are included in Appendix 7.1.

The review process has, thus far, only involved internal consultation to apply these reviewed uses to tidal waters.

The result of this consultation is presented in schedule and map format in two supporting volumes. Volume 1 contains maps covering Lyme Regis to Looe and Volume 2 contains maps for Fowey to Foreland Point.

4. STATUTORY WATER QUALITY OBJECTIVES

The government currently proposes to apply Statutory Water Quality Objectives (SWQO's) initially to rivers, (1). Once the Secretary of State for the Environment has agreed the final scheme, it seems likely public consultations on the proposed SWQO's will take place on a catchment by catchment process based on a regional priority system.

As part of this process it will be necessary to identify current and proposed water use.

Following the review of uses of tidal waters that has been undertaken during 1991 and 1992, catchment water quality plans will be prepared progressively from early 1993. These will identify, as far as is possible, waters needing improvement, the causes(s) of non compliance and proposed remedies.

5. INTERNAL CONSULTATION

The internal consultation is now complete and the proposed identified uses have been agreed. It is anticipated that the maps and schedules will be updated from time to time (probably on an annual basis).

6. REFERENCES

1. Report of the National Rivers Authority. Proposals for Statutory Water Quality Objectives. National Rivers Authority, 1991.

7. APPENDICES

8. CATCHMENT MAPS AND SCHEDULES

Water Quality Planner
December 1992

APPENDIX 7.1

PROPOSED USES OF CONTROLLED WATERS

1. BASIC AMENITY

Maintain or improve water quality so as to prevent public nuisance arising from visual and smell problems.

2. GENERAL ECOSYSTEM

2A For Controlled Waters of, or near to pristine conditions, receiving no substantial direct or indirect discharges:

Promote all aquatic life and dependent non-aquatic organisms, so that the ecosystem is typical of a Controlled Water with those physical and chemical characteristics, flow regime and location.

2B For Controlled Waters receiving substantial discharges, and where achievement of pristine conditions is impracticable:

Ensure that for estuarine and coastal waters;

- i) it supports a variety of aquatic life and dependent non-aquatic organisms;
- ii) where appropriate fish and shellfish are protected;
- iii) where appropriate it supports a flora and fauna essential to sustain sea fisheries.

3. SPECIAL ECOSYSTEM

Safeguard the special conservation interest for which the Controlled Water is identified. The following designations (whether existing or proposed) are taken into account:

- National Parks
- Areas of Outstanding National Beauty
- Sites of Special Scientific Interest
- Environmentally Sensitive Areas
- Nature Reserves
- Areas of Special Protection for Birds (designated by the Secretary of State under the Wildlife and Countryside Act 1981)
- Ramsar Sites (under conventions on wetlands of International Importance, especially as Wildfowl Habitat)
- Special Protection Areas (under EC Directive on the Conservation of Wild Birds 79/409)
- Heritage Coasts
- Ancient Monuments
- National Nature Reserves
- Marine Nature Reserves
- Local Nature Reserves
- RSPB Reserves
- Voluntary Marine Nature Reserves
- Environmentally Sensitive Areas
- Sites with Red Data Book species

4. MIGRATORY FISHERY

Maintain or improve water quality so as to protect passage of all relevant species of migratory fish where this is not prevented by natural physical barriers.

5. COMMERCIAL HARVESTING OF MARINE FISH FOR PUBLIC CONSUMPTION

Ensure that commercial marine fish quality shall be acceptable for human consumption as determined by the appropriate Competent Authorities (e.g. MAFF).

6. COMMERCIAL HARVESTING OF SHELLFISH FOR PUBLIC CONSUMPTION

Ensure that commercial shellfish quality shall be acceptable for human consumption as determined by the appropriate Competent Authorities (e.g. MAFF).

7. WATER CONTACT ACTIVITY

Maintain or improve water quality so as to protect those engaged in water contact - related activities.

8. INDUSTRIAL AND/OR AGRICULTURAL USE

Safeguard industrial abstractors, and where water is used for agricultural purposes, maintain water quality so as to protect the health and well being of affected animals, avoid damage to crops, and safeguard public health.

9. EMERGENCY SERVICES

Maintaining the area of controlled water by ensuring that the activities of the 'emergency services' do not cause unacceptable deterioration in water quality.

Key to Index Table in volumes 1 & 2

Column with (1) indicates the Water Contact Sports usage

V = Very frequent

F = Frequent

I = Infrequent

Those not marked - frequency not yet known

Column with (2) indicates the status given to Bathing Waters

ECM = EC identified monitored beaches

M = Other popular monitored beaches

Those not marked - Indicates other popular beaches not yet monitored

AONB = Areas of Outstanding Natural Beauty

SSSI = Sites of Special Scientific Interest

NNR = National Nature Reserve

LNR = Local Nature Reserve

SPA = Special Protection Areas

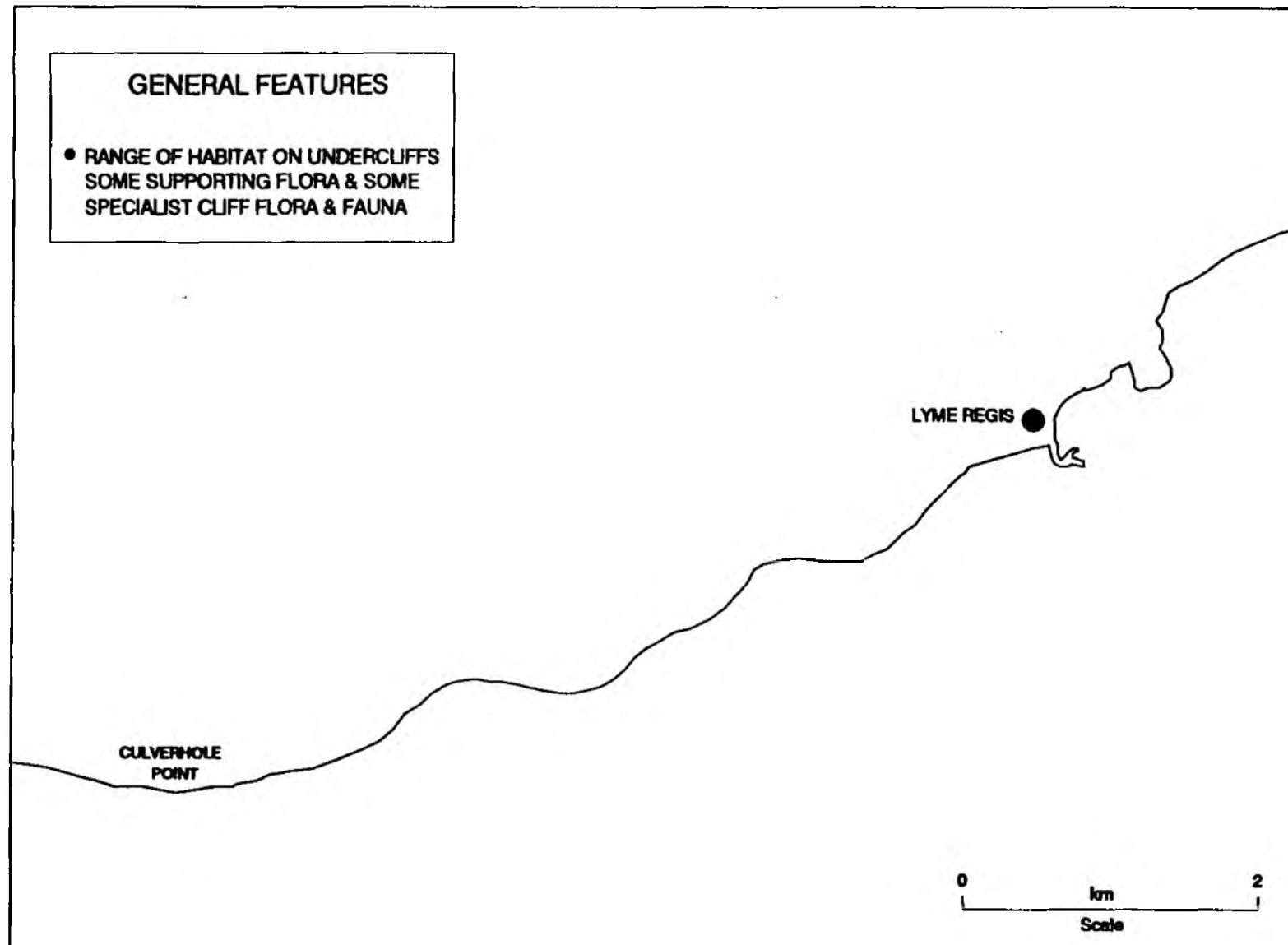
CNCS = Cornwall Nature Conservation Sites

TITLE: NATIONAL RIVERS AUTHORITY - SOUTH WEST REGION
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 VERSION: 2

IDENTIFIED USES OF TIDAL WATERS

		OBJECTIVES					
MAP NO	MAP TITLE	CATCHMENT AREAS & NGR BOUNDARIES	GENERAL ECOSYSTEM	SPECIAL ECOSYSTEM	MIGRATORY FISH	COMMERCIAL FISH	SHELL FISH
1	Lyme Regis to Culverhole Point	1a = SY 351929 SY 303899 2a = SY 303899 SY 148874	General Features	Heritage Coast AONB SSSI NNR	Entire area	Fishing Harbour at Lyme Regis Bait Fish Herrings & Bass Bottom Netting Fixed Surface Nets	Inshore Potting Prawns

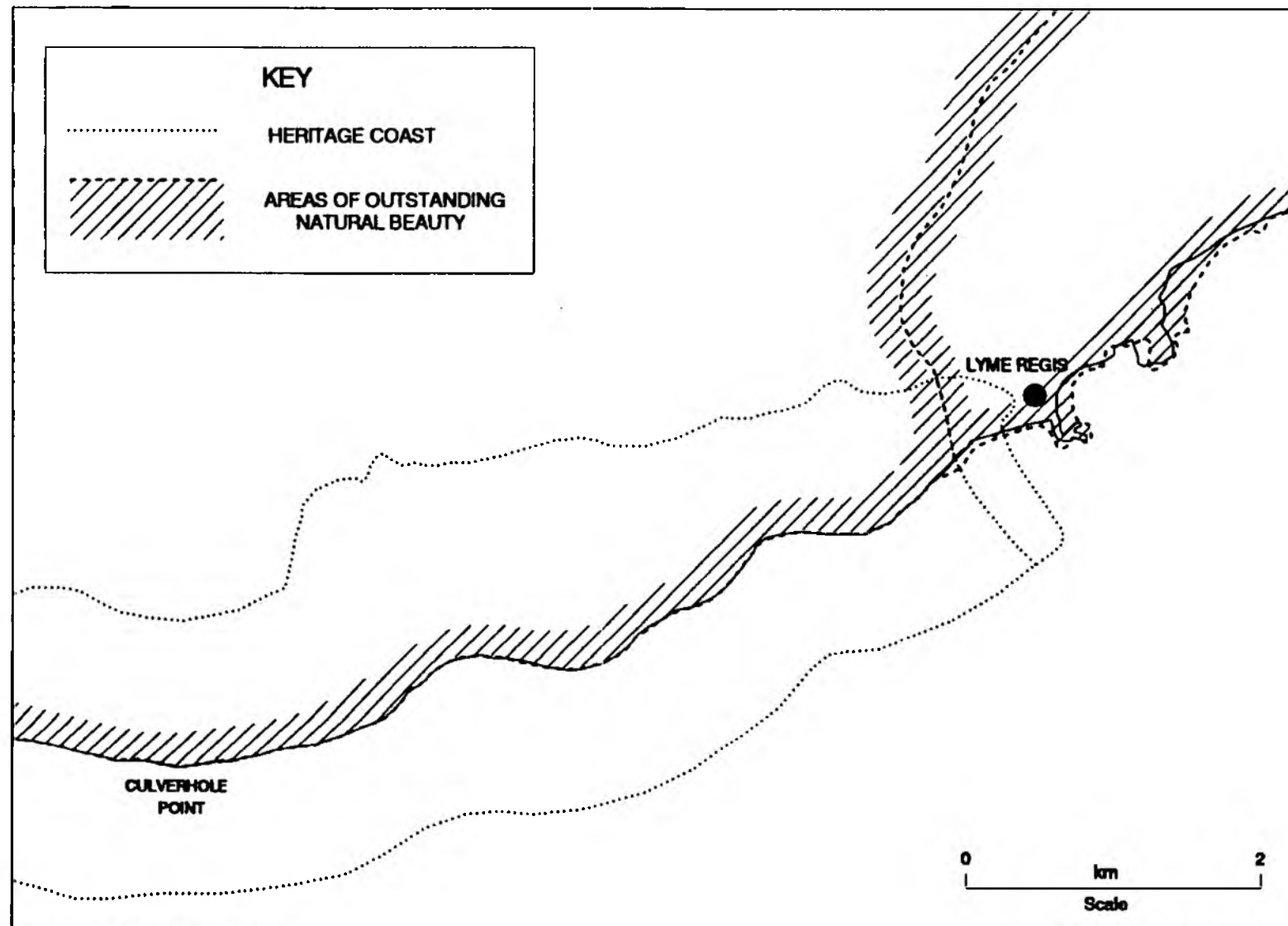
LYME REGIS TO CULVERHOLE POINT - GENERAL ECOSYSTEM CONSERVATION



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VERSION: 2 OCT 1982

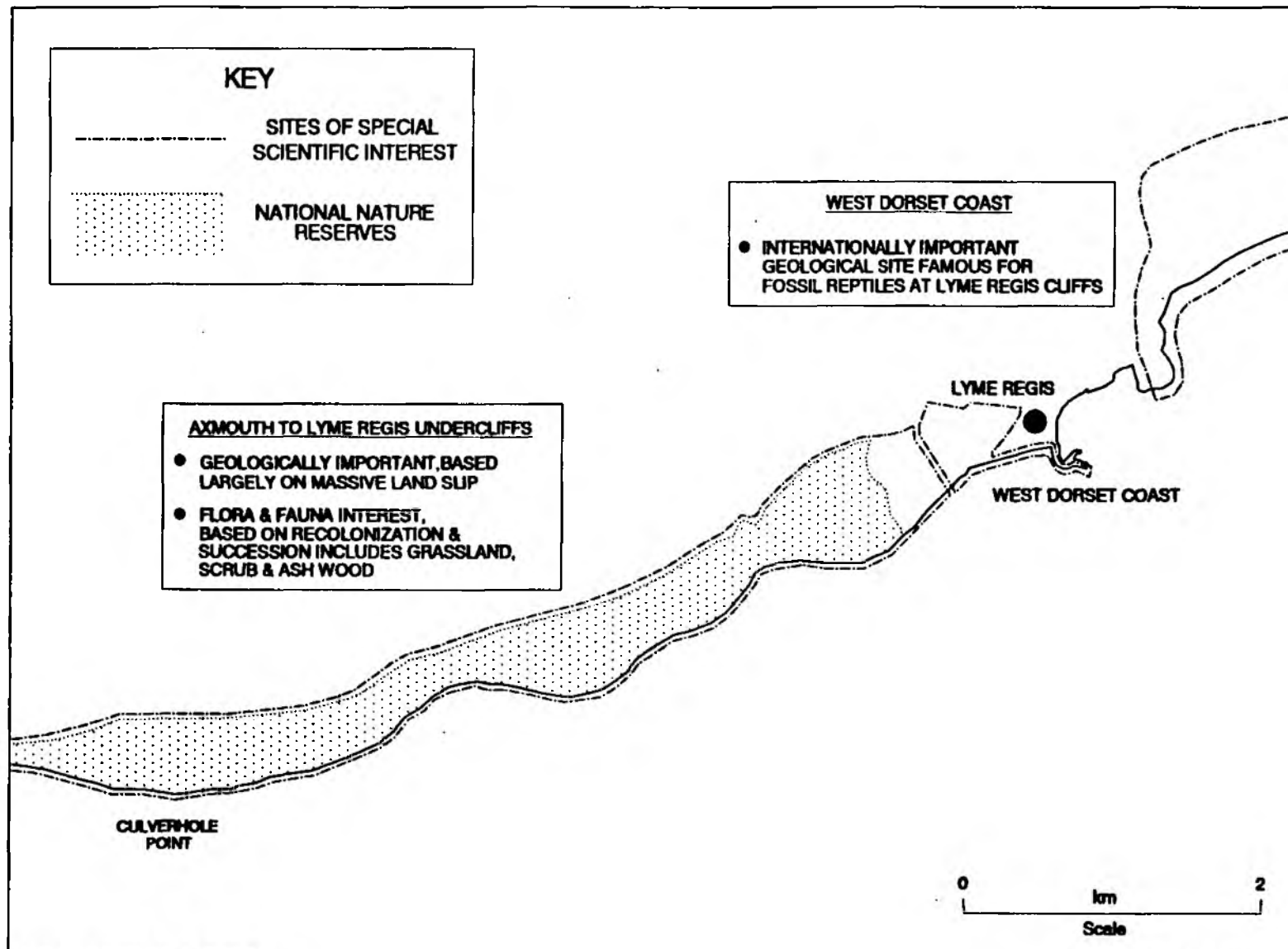
LYME REGIS TO CULVERHOLE POINT - SPECIAL ECOSYSTEM CONSERVATION (MAP 1)



N.R.A. - SOUTH WEST REGION

VERSION: 1 JULY 1992

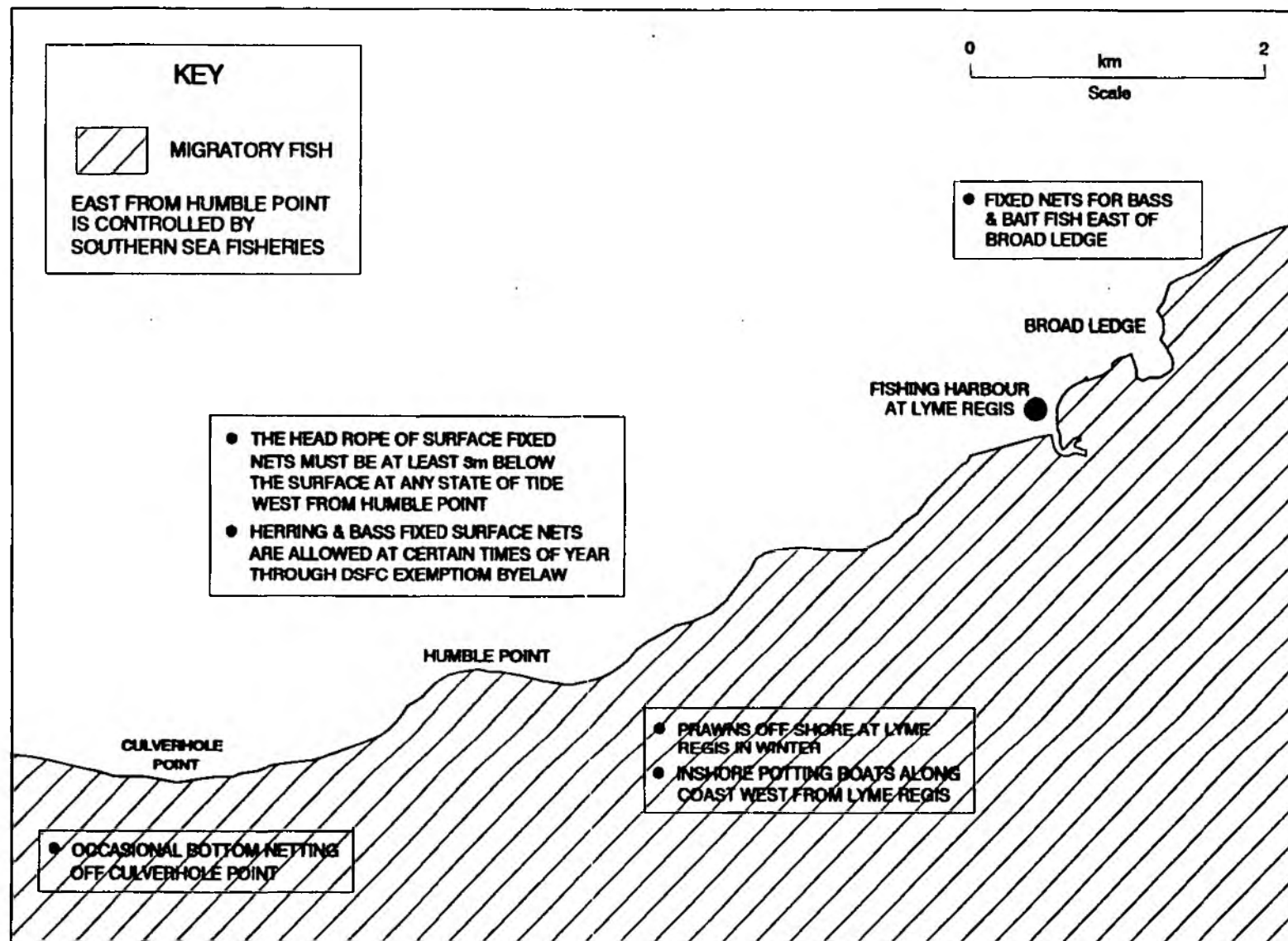
LYME REGIS TO CULVERHOLE POINT - SPECIAL ECOSYSTEM CONSERVATION (MAP 2)



N.R.A. - SOUTH WEST REGION

VERSION: 2 OCT 1992

LYME REGIS TO CULVERHOLE POINT - FISH

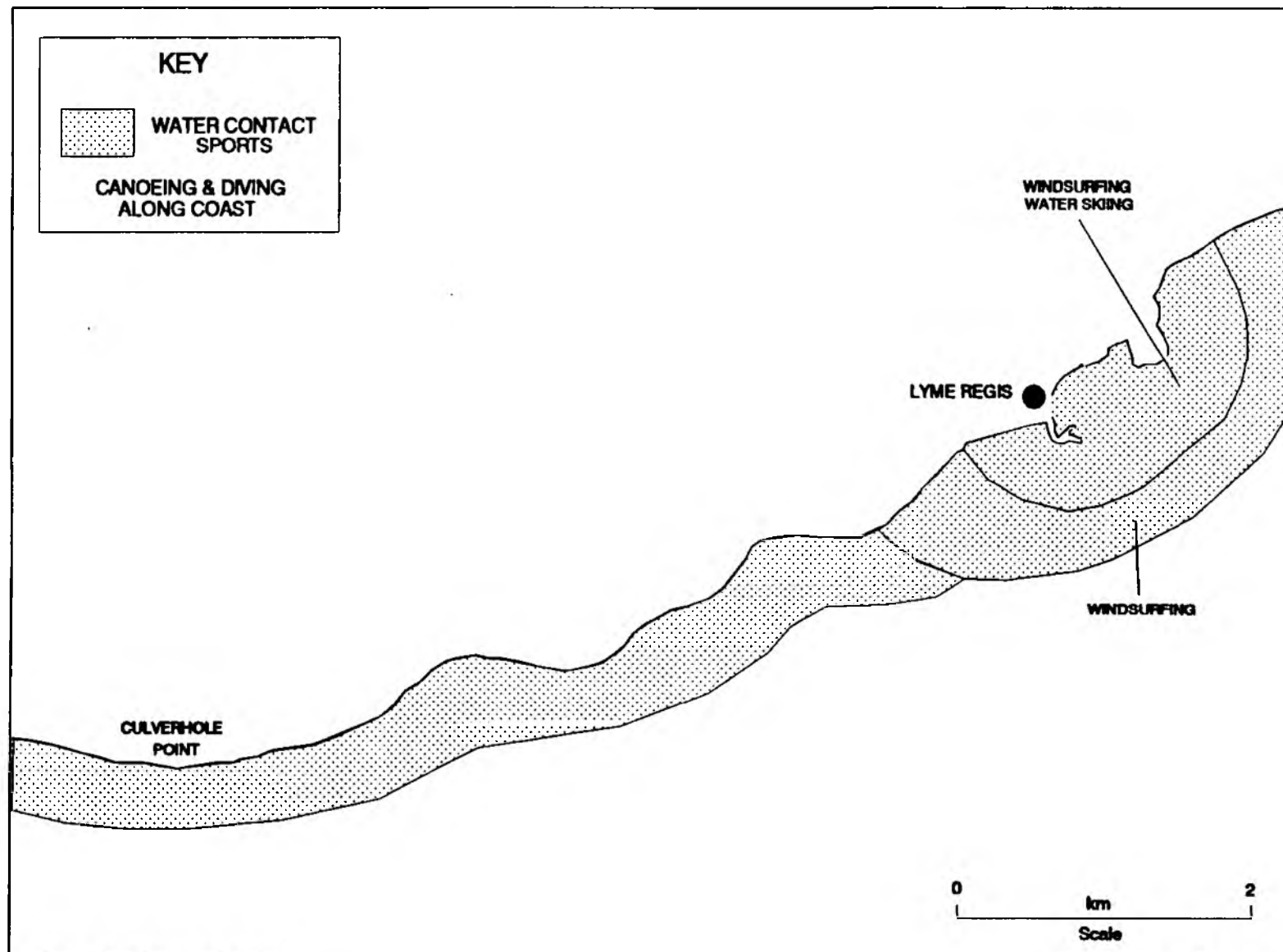


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 VERSION: 2

IDENTIFIED USES OF TIDAL WATERS

		OBJECTIVES						
MAP NO	MAP TITLE	BASIC AMENITIES	WATER CONTACT SPORTS	(1)	BATHING WATERS	(2)	INDUSTRY	EMERGENCY SERVICES
1	Lyme Regis to Culverhole Point	Coastal Footpath (No map)	Windsurfing Water Skiing Canoeing Diving	V V V V	Church Beach Cobb Beach Monmouth Beach	ECM ECM M		

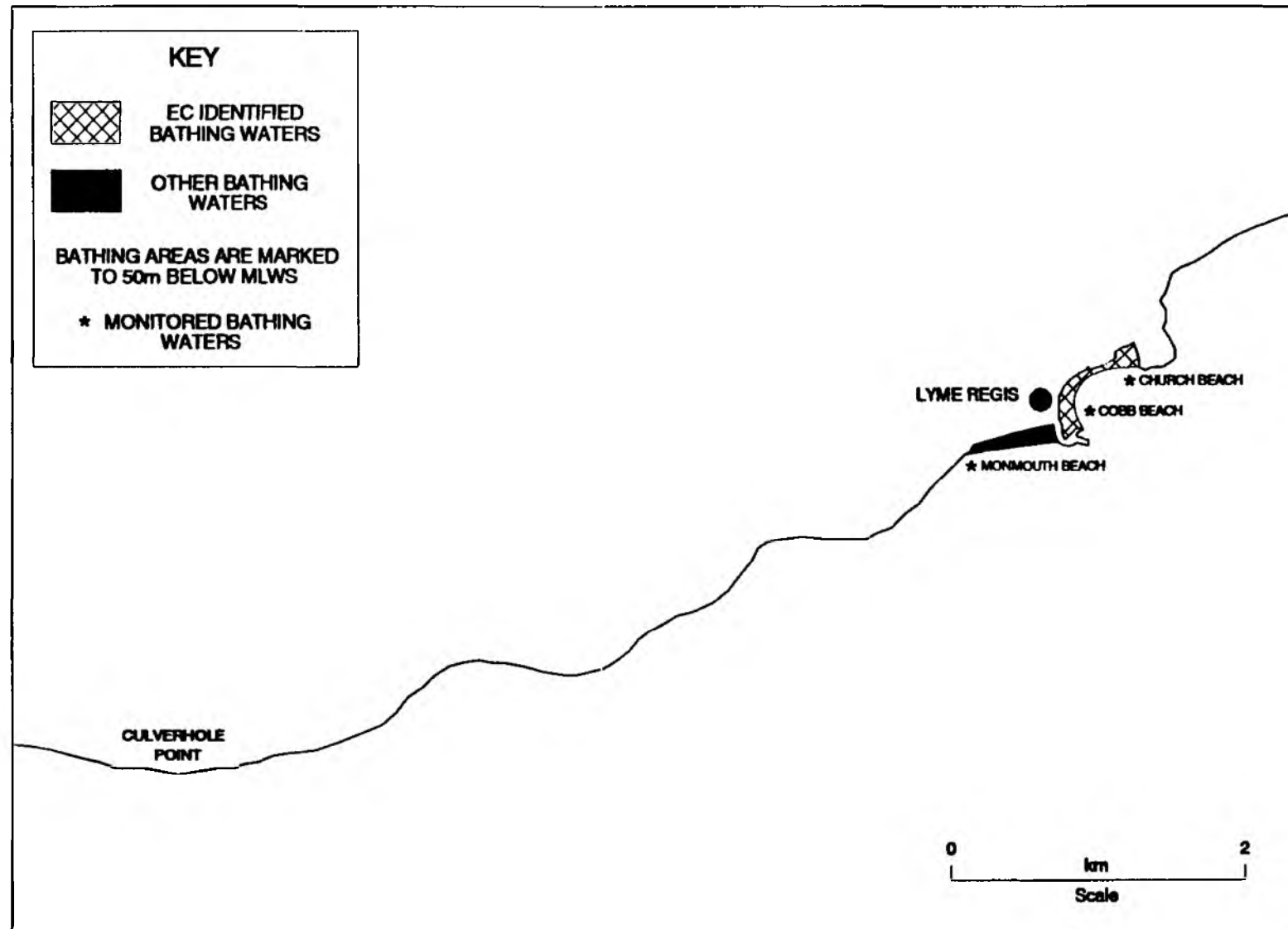
LYME REGIS TO CULVERHOLE POINT - WATER CONTACT SPORTS



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LYME REGIS TO CULVERHOLE POINT - BATHING WATERS



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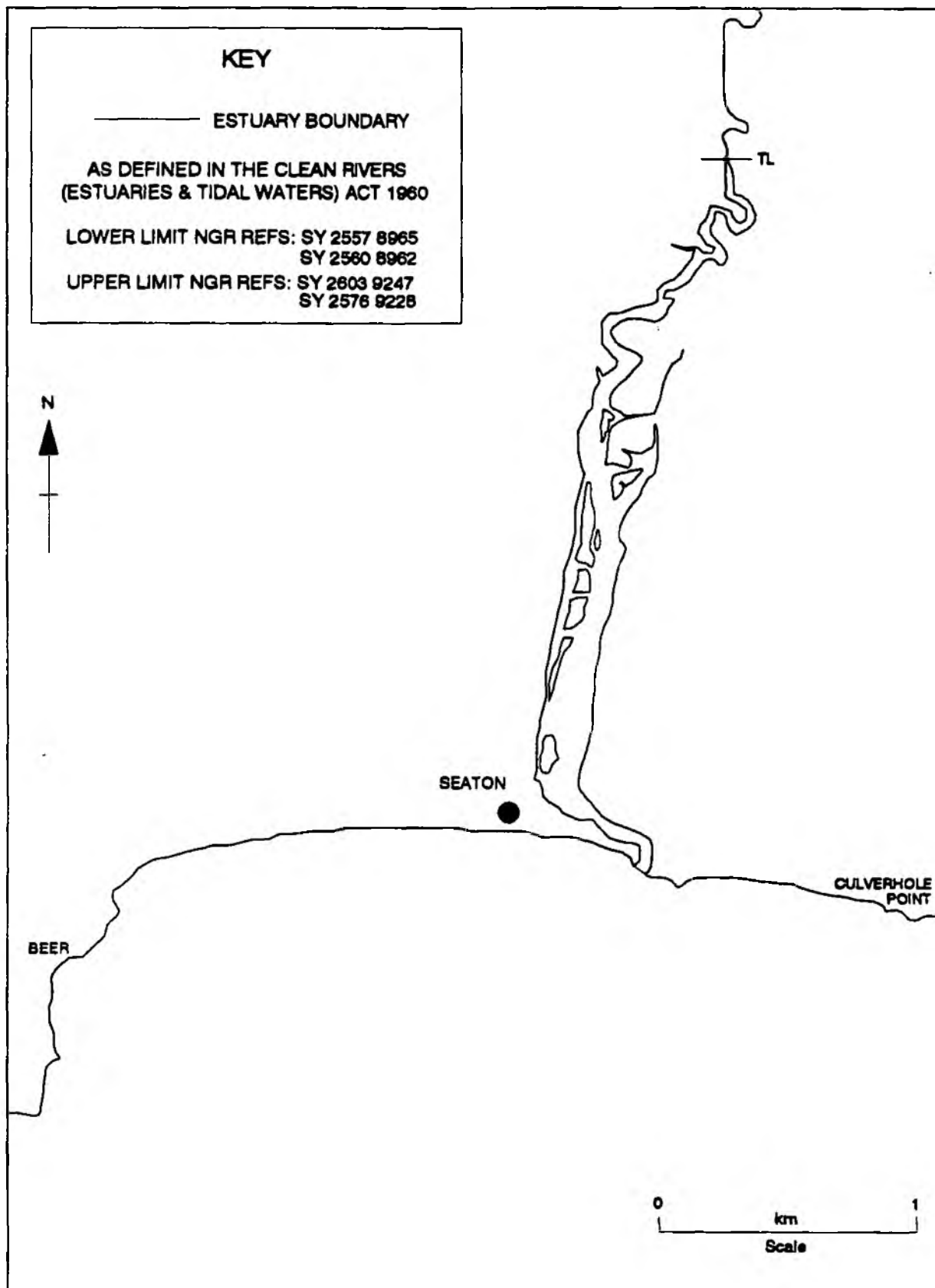
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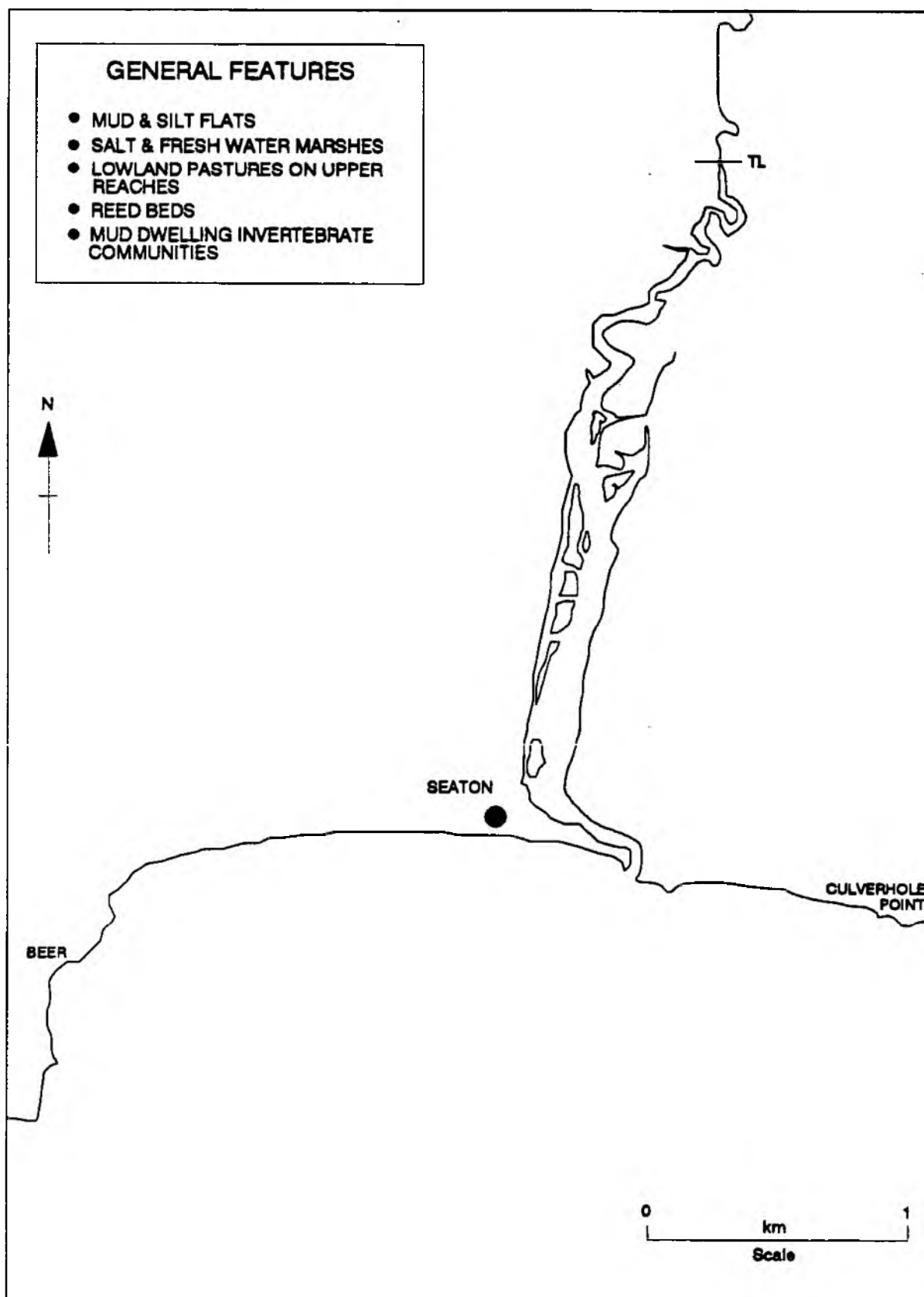
IDENTIFIED USES OF TIDAL WATERS

		OBJECTIVES					
MAP NO	MAP TITLE	CATCHMENT AREAS & NGR BOUNDARIES	GENERAL ECOSYSTEM	SPECIAL ECOSYSTEM	MIGRATORY FISH	COMMERCIAL FISH	SHELL FISH
2	Axe Estuary (Culverhole Point to Beer Beach)	2a = SY 303899 SY 148874	General Features	Heritage Coast AONB SSSI NNR	Entire area	Herring, Bass & Eel Nets Bottom Netting Trawling all year Fixed Surface Nets	Inshore Potting

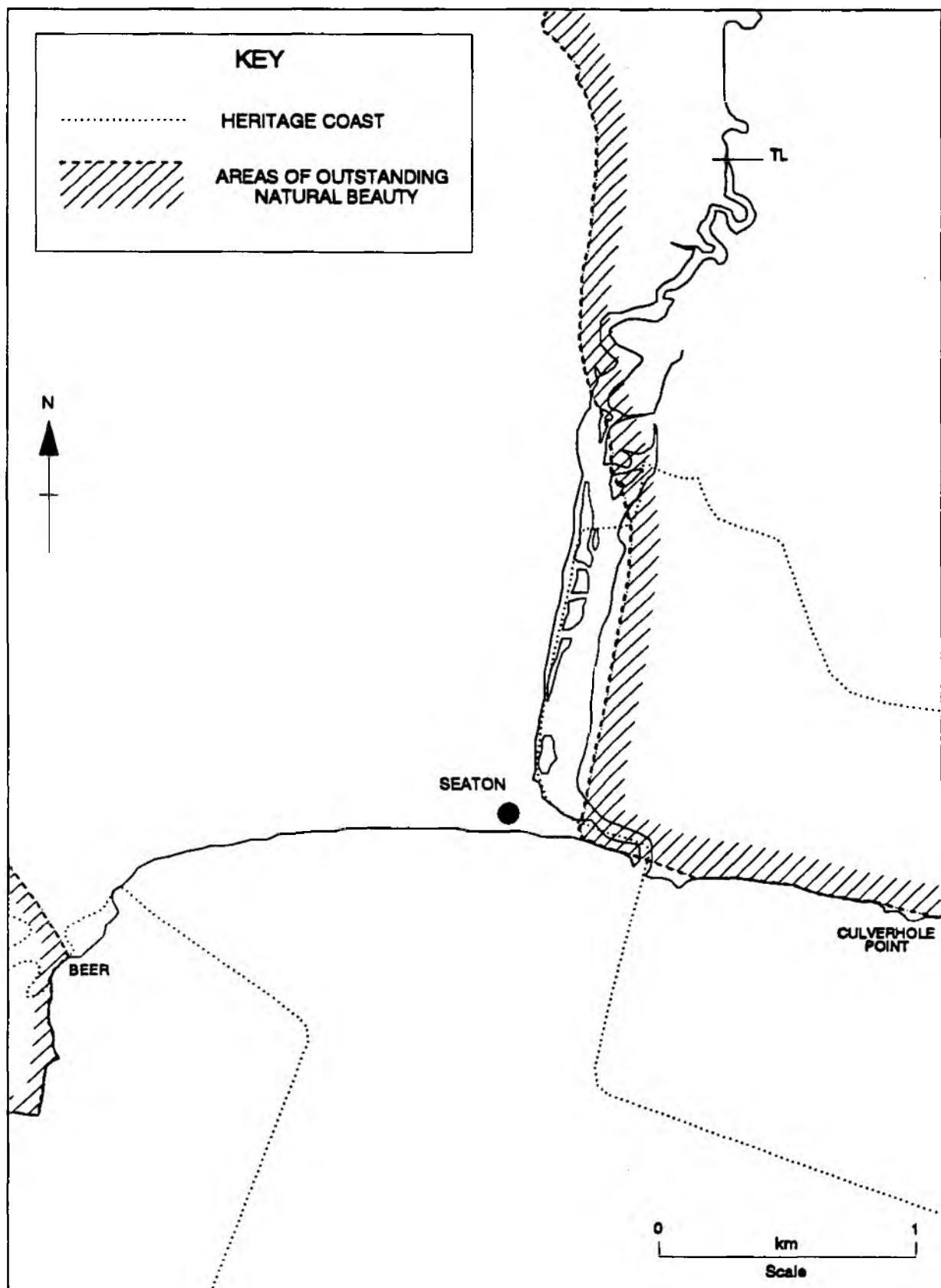
AXE ESTUARY - ESTUARY BOUNDARY



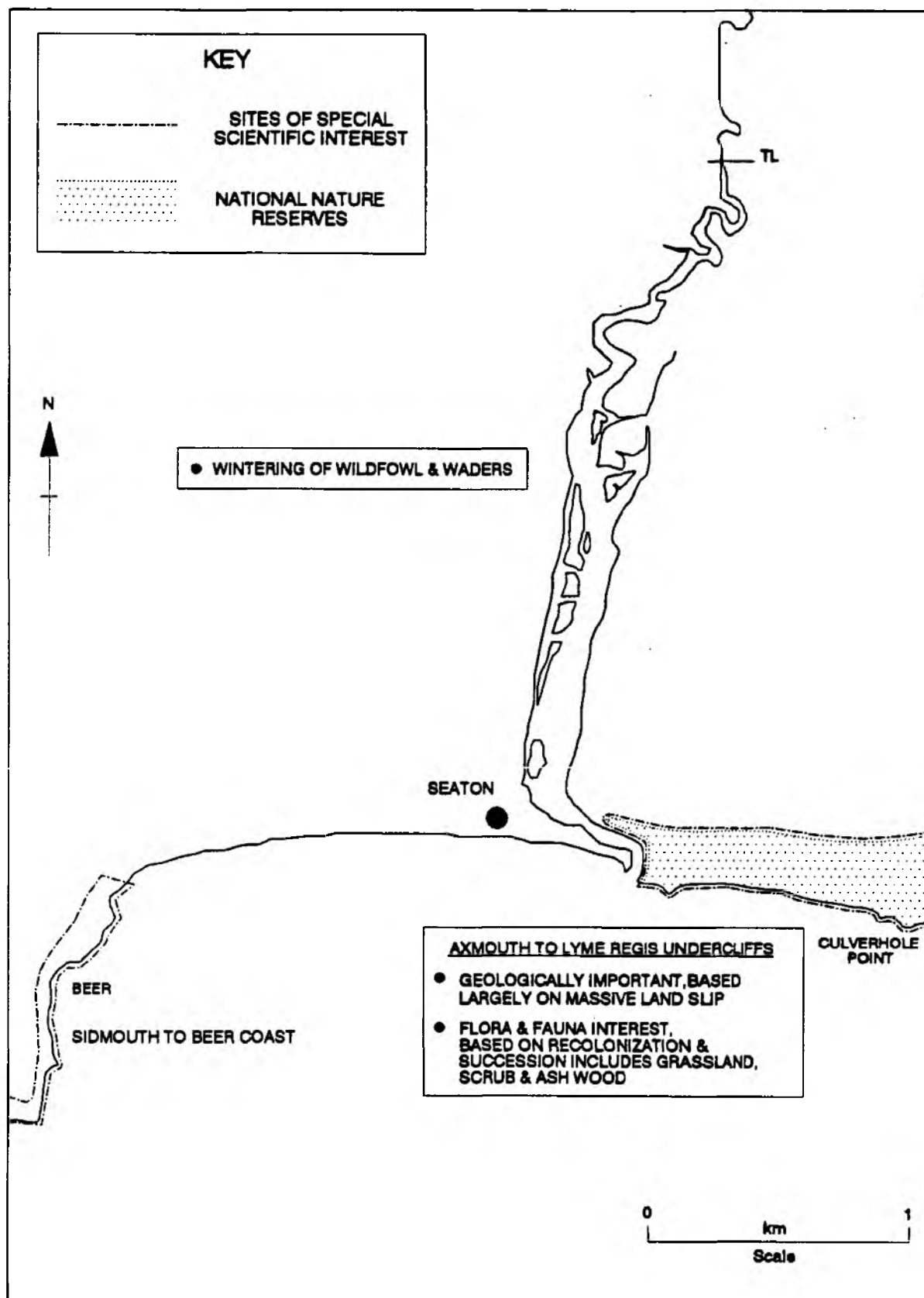
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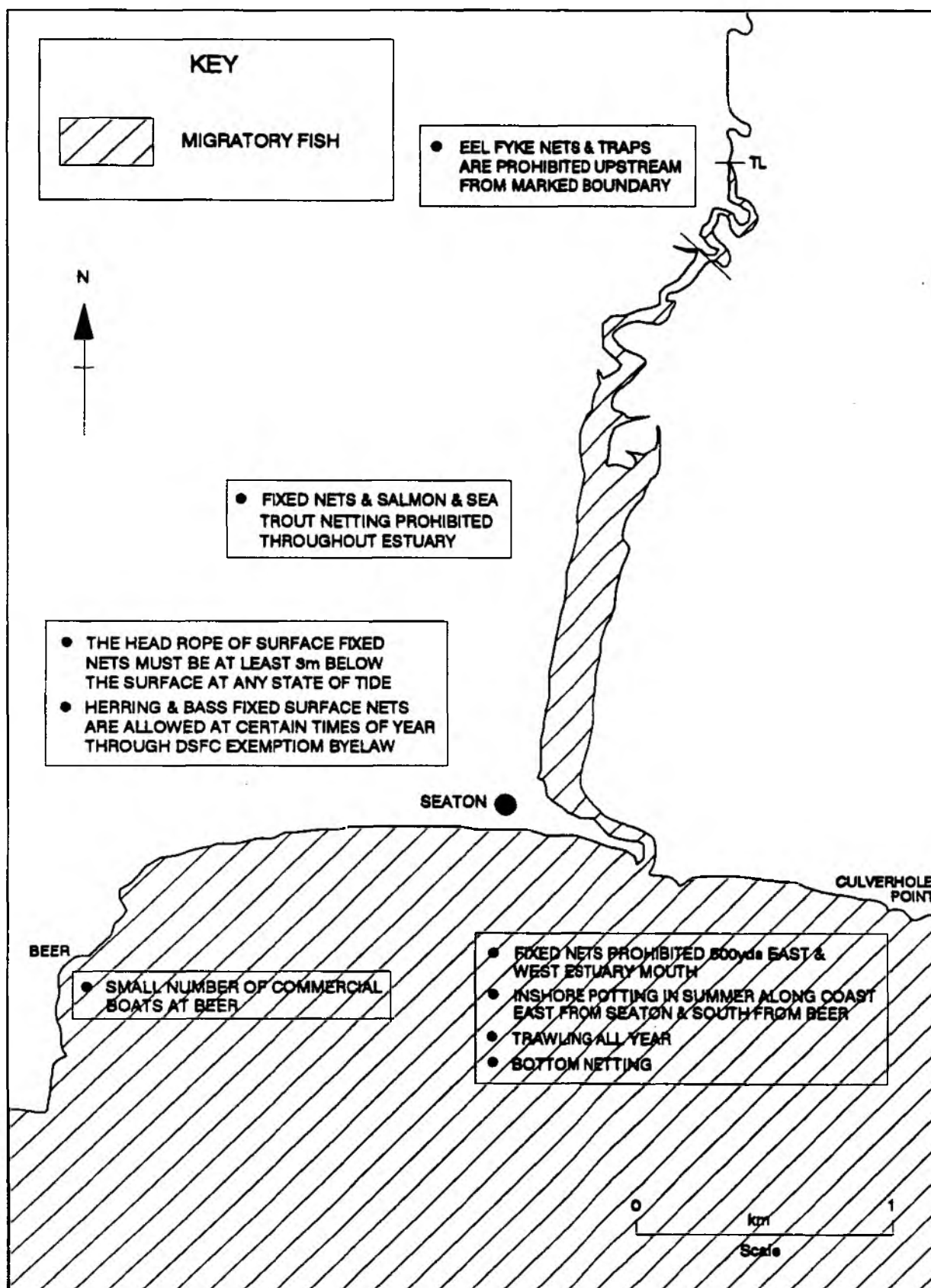
AXE ESTUARY - SPECIAL ECOSYSTEM CONSERVATION (MAP 1)



AXE ESTUARY - SPECIAL ECOSYSTEM CONSERVATION (MAP 2)



AXE ESTUARY - FISH

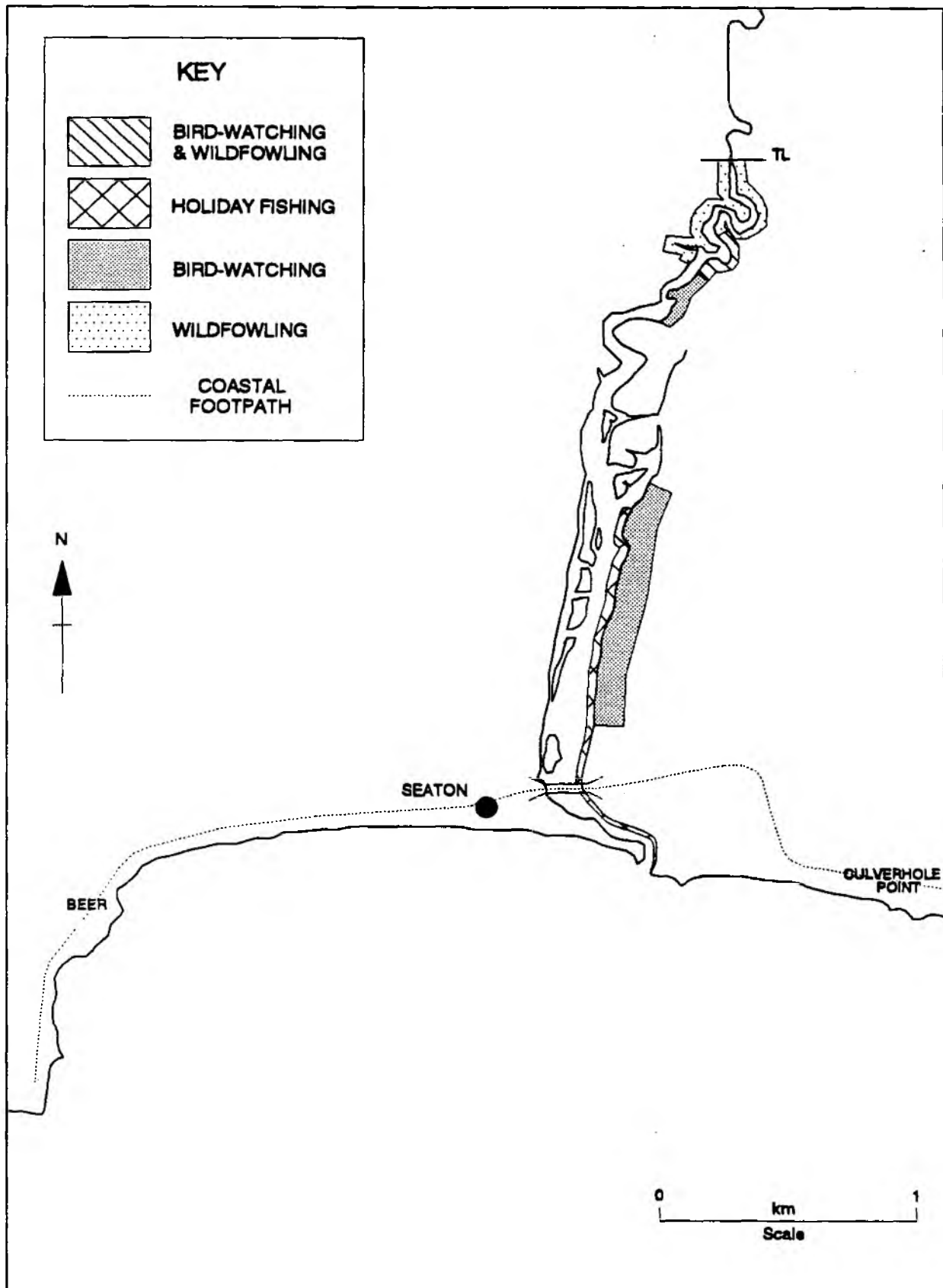


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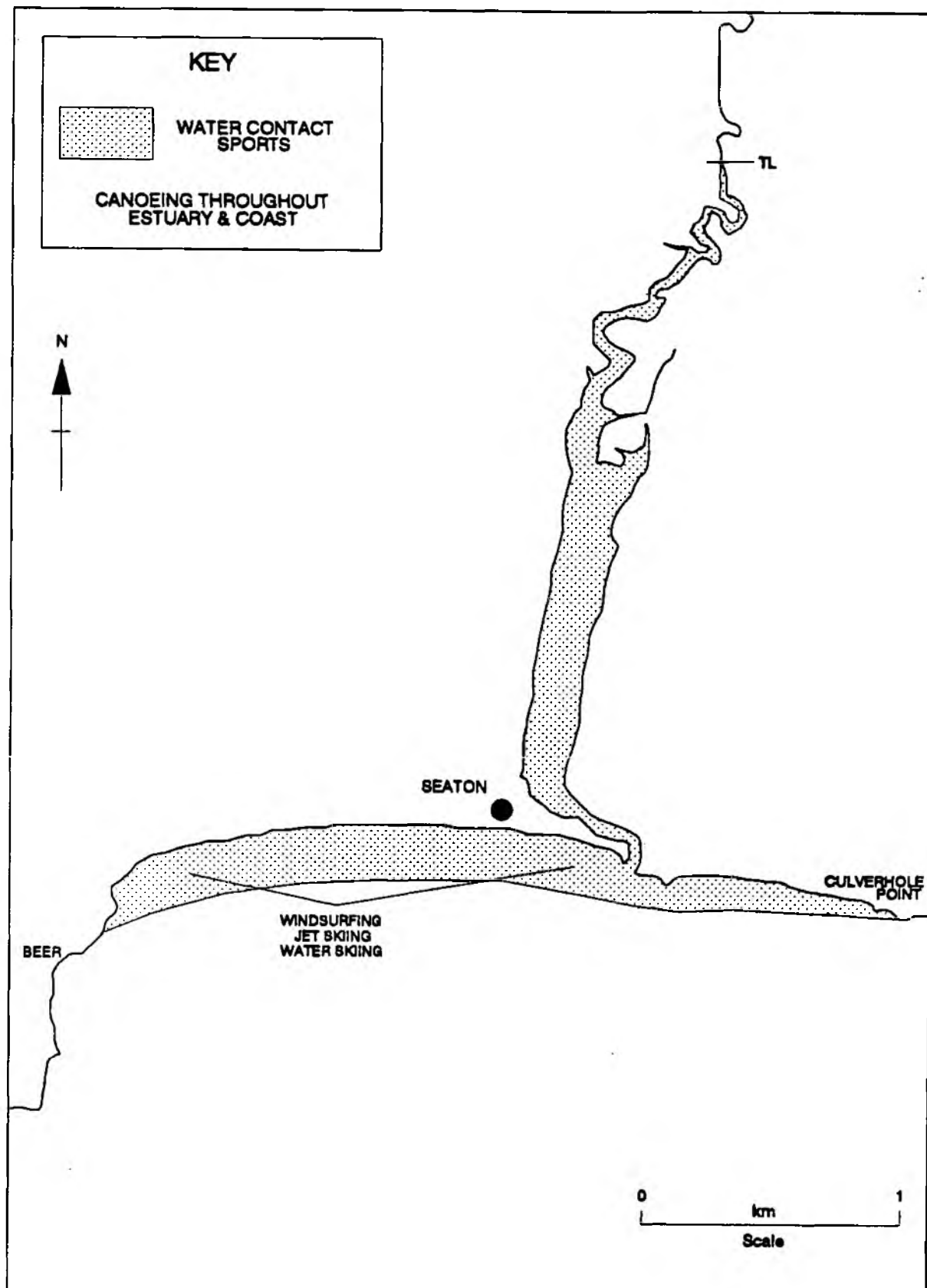
IDENTIFIED USES OF TIDAL WATERS

		OBJECTIVES							
MAP NO	MAP TITLE	BASIC AMENITIES	WATER CONTACT SPORTS	(1)	BATHING WATERS	(2)	INDUSTRY	EMERGENCY SERVICES	WATER ABSTRACTION
2	Axe Estuary (Culverhole Point to Beer Beach)	Bird-Watching Wildfowling Coastal Footpath Holiday Fishing	Windsurfing Water Skiing Jet Skiing Canoeing Diving	F F F V	Seaton Beach Beer Beach	ECM ECM	Seaton Marine Boat Yard		Agriculture Spray Irrigation

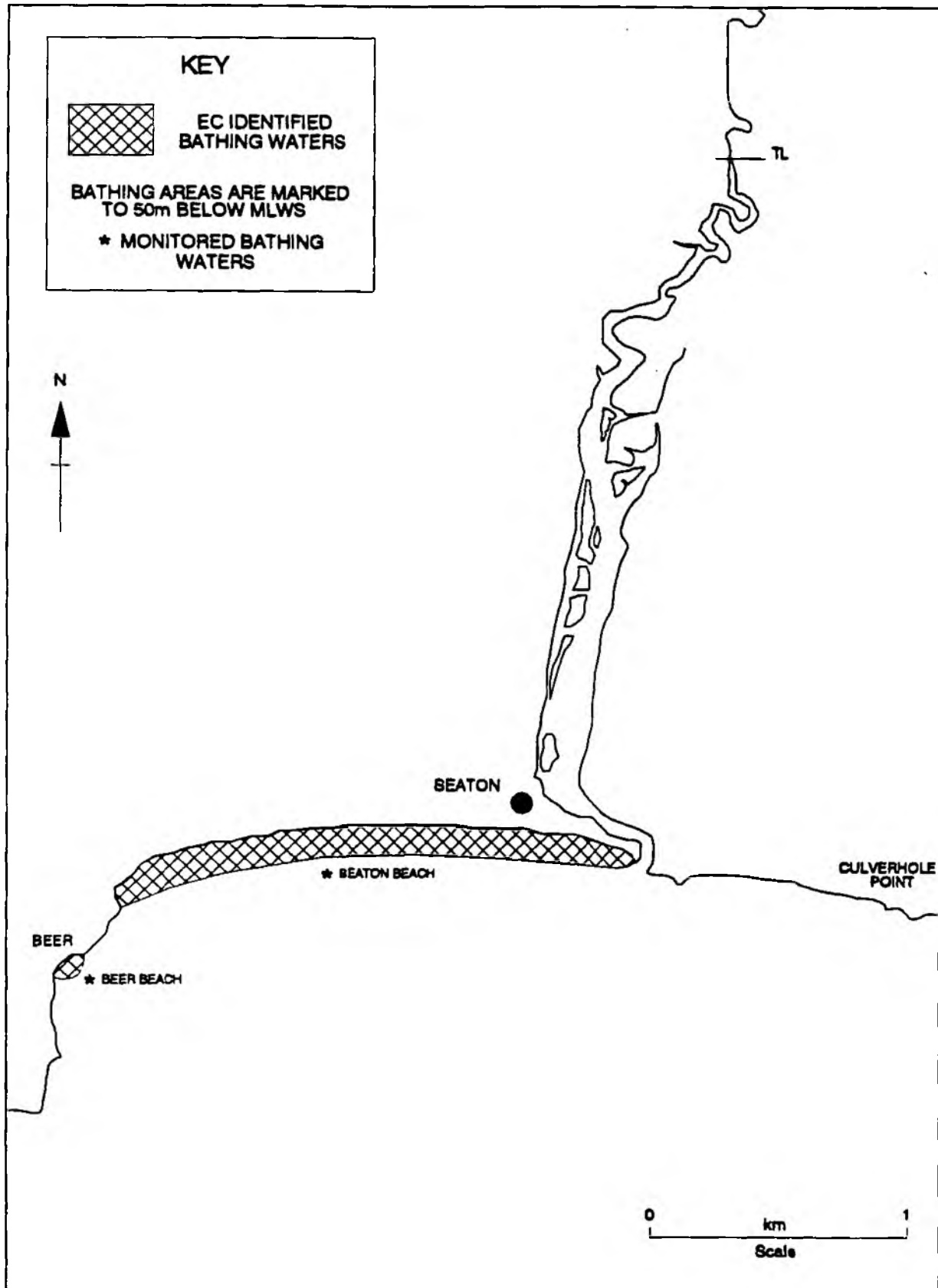
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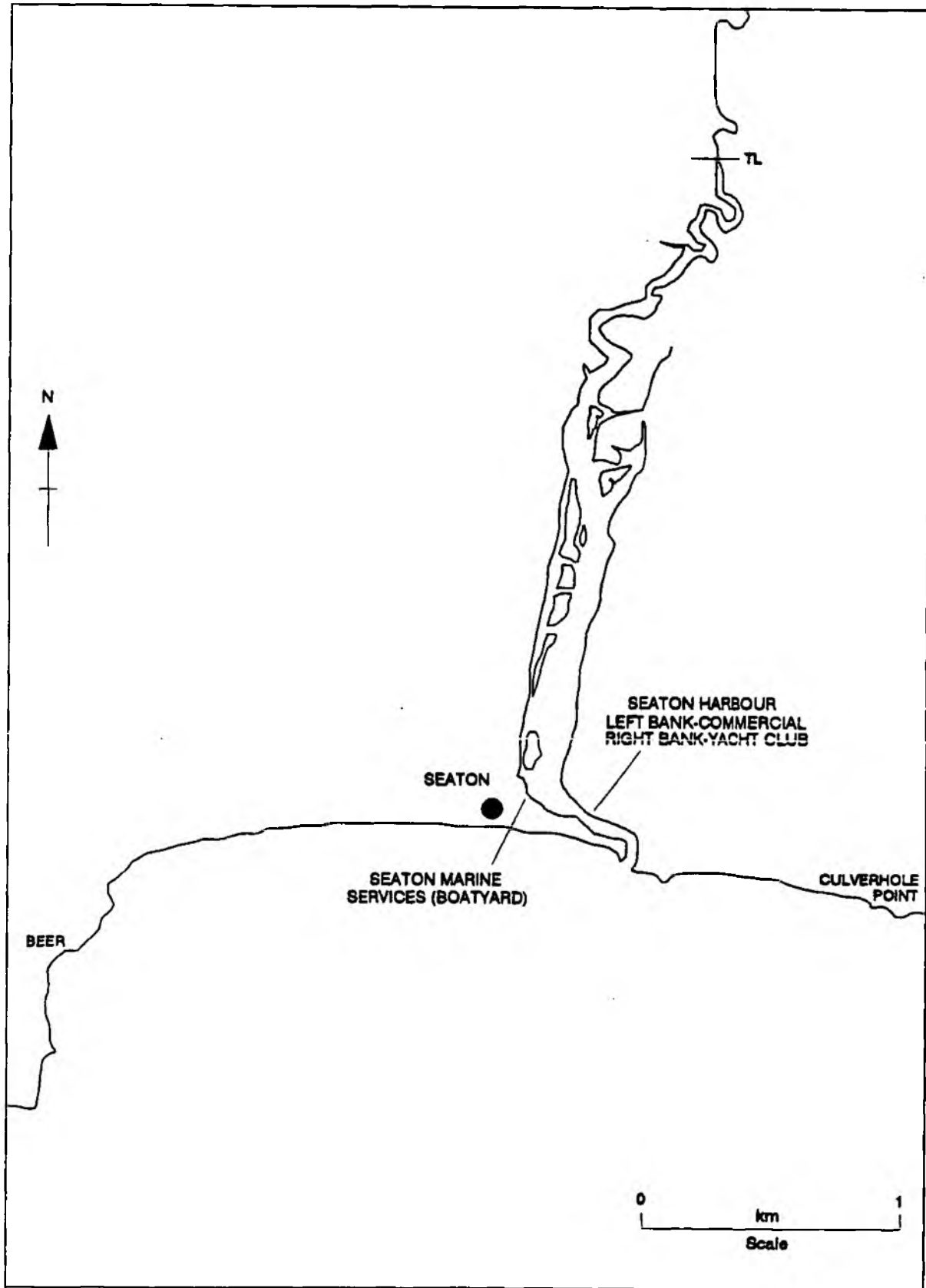
AXE ESTUARY - WATER CONTACT SPORTS



AXE ESTUARY - BATHING WATERS



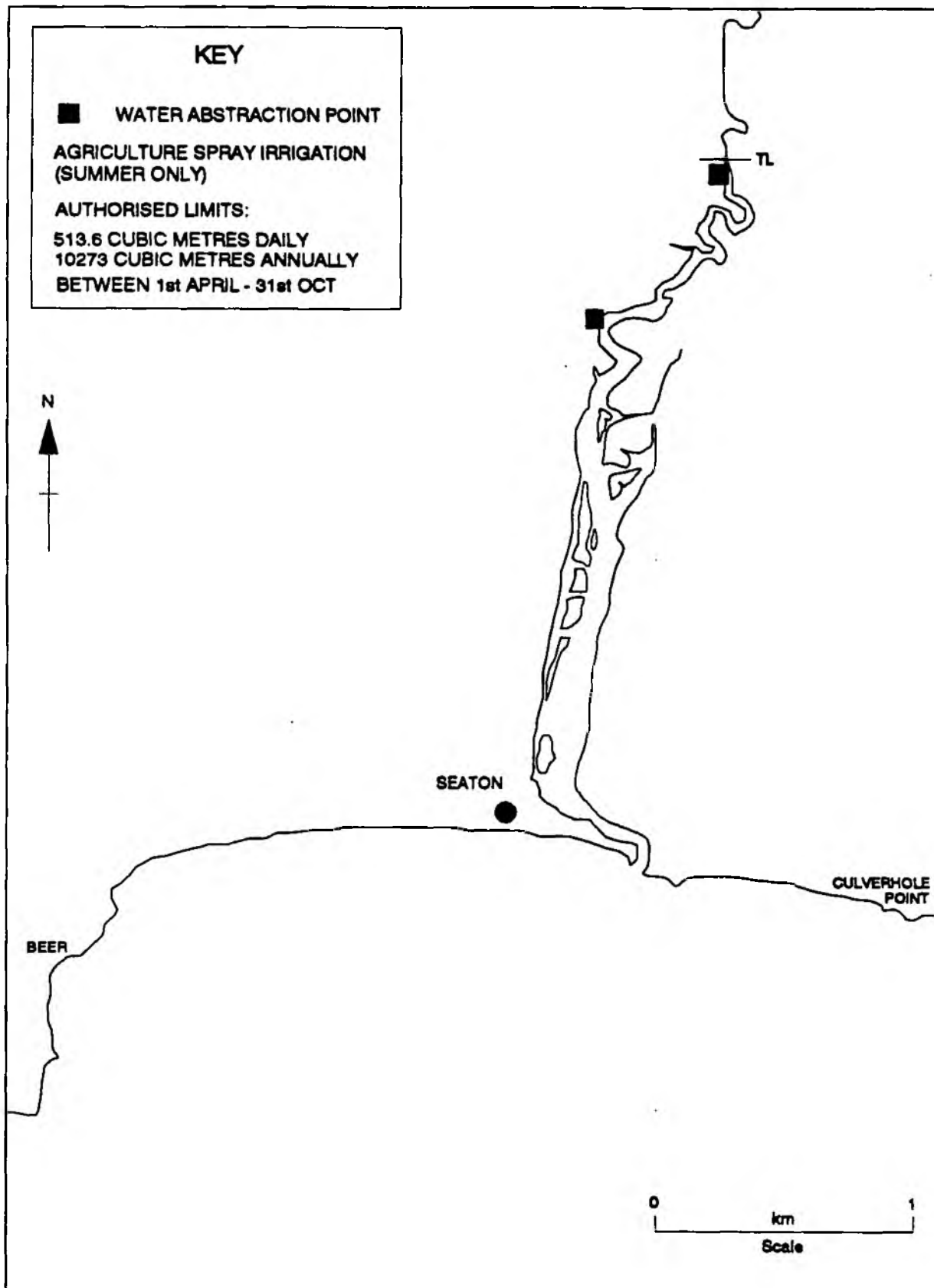
AXE ESTUARY - INDUSTRY



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AXE ESTUARY - WATER ABSTRACTION



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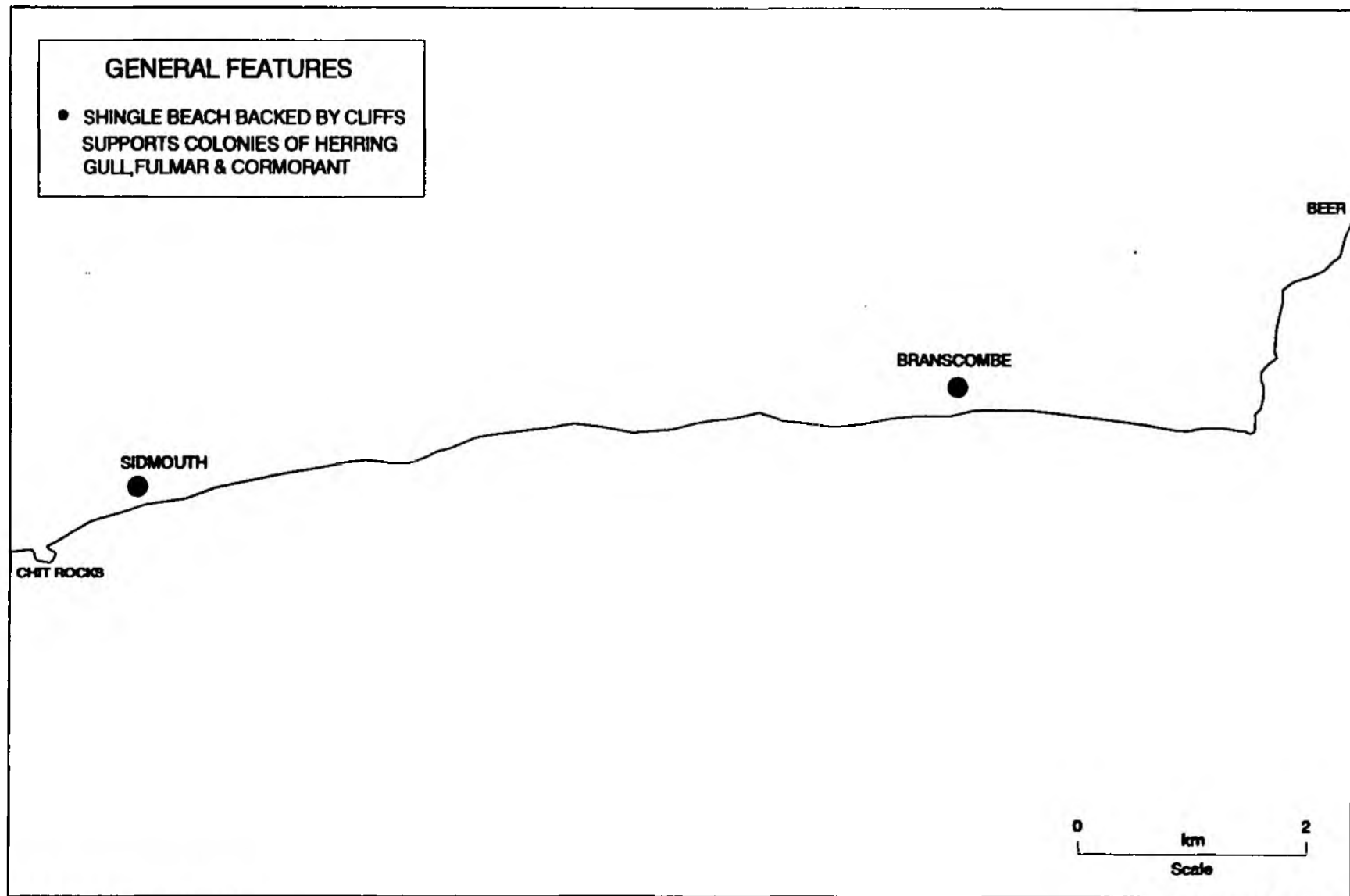
IDENTIFIED USES OF TIDAL WATERS

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		OBJECTIVES					
MAP NO	MAP TITLE	CATCHMENT AREAS & NGR BOUNDARIES	GENERAL ECOSYSTEM	SPECIAL ECOSYSTEM	MIGRATORY FISH	COMMERCIAL FISH	SHELL FISH
3	Chit Rocks to Beer	2a = SY 303899 SY 148874 3a = SY 148874 SY 126872 4a = SY 126872 SY 028796	General Features	Heritage Coast AONB SSSI	Entire area	Small Scale Trawling all year Mackerel Seining Herring Bass Fixed Surface Nets	Inshore Potting

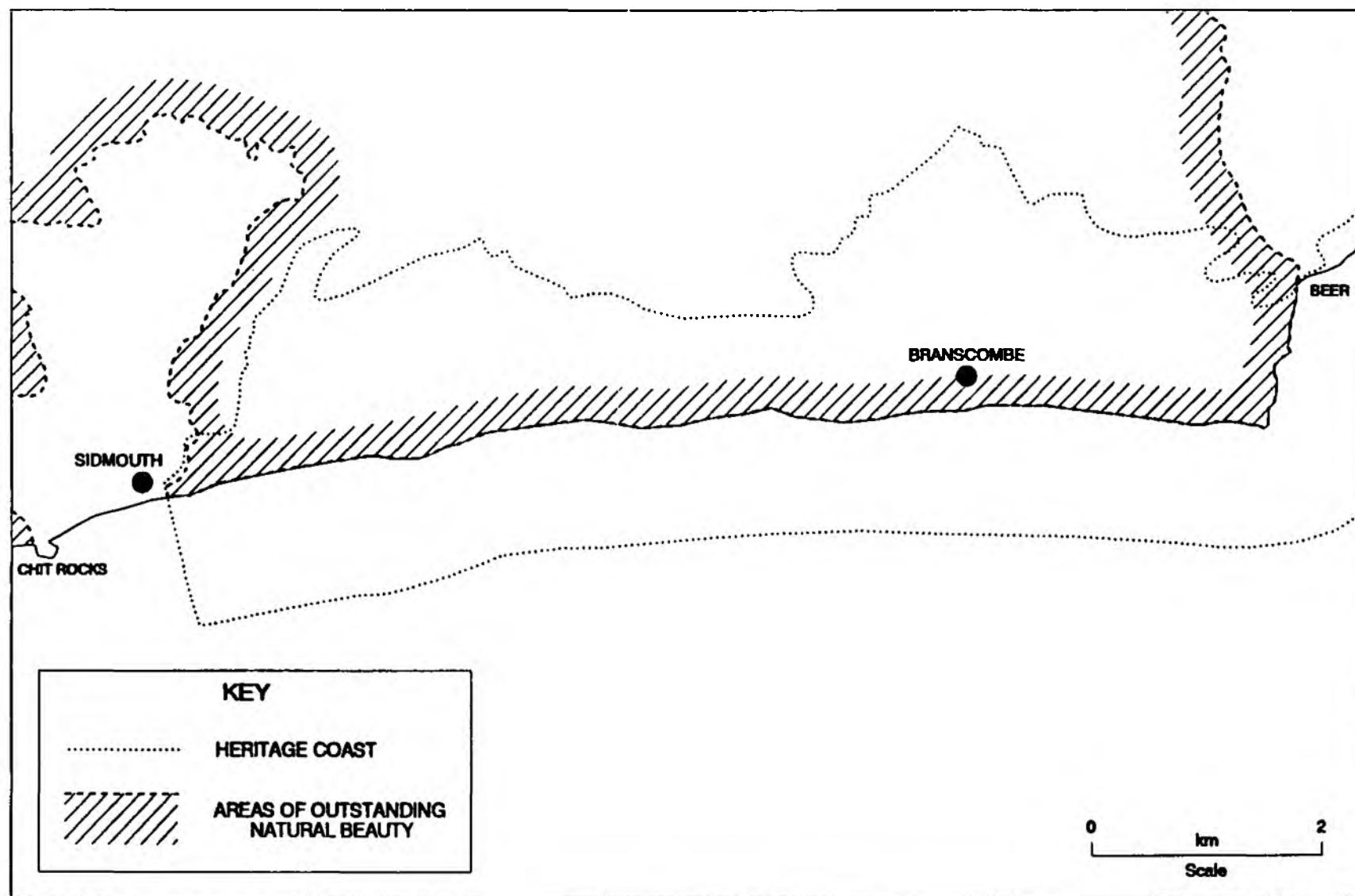
CHIT ROCKS TO BEER - GENERAL ECOSYSTEM CONSERVATION



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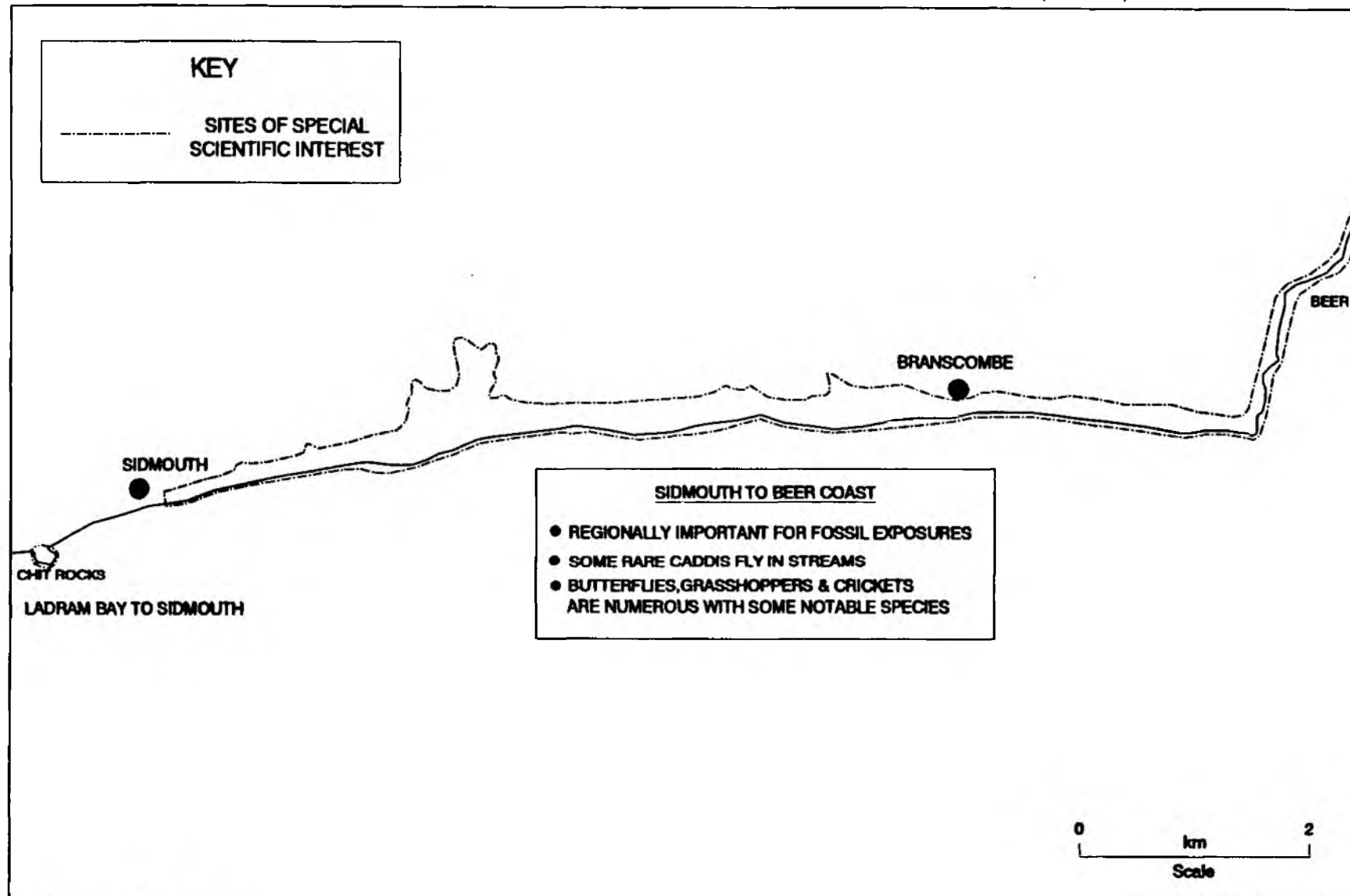
CHIT ROCKS TO BEER - SPECIAL ECOSYSTEM CONSERVATION (MAP 1)



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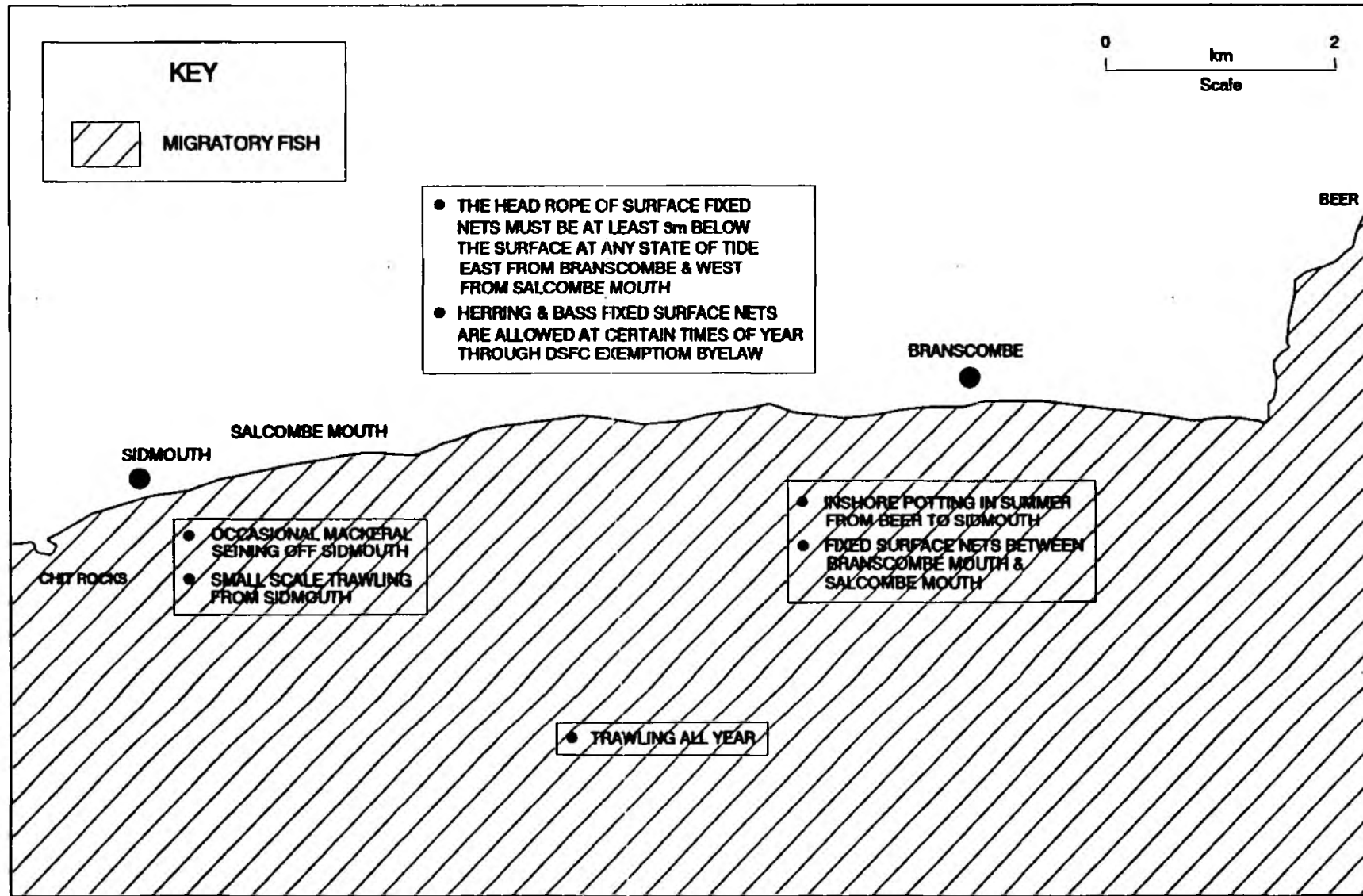
CHIT ROCKS TO BEER - SPECIAL ECOSYSTEM CONSERVATION (MAP 2)



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CHIT ROCKS TO BEER - FISH

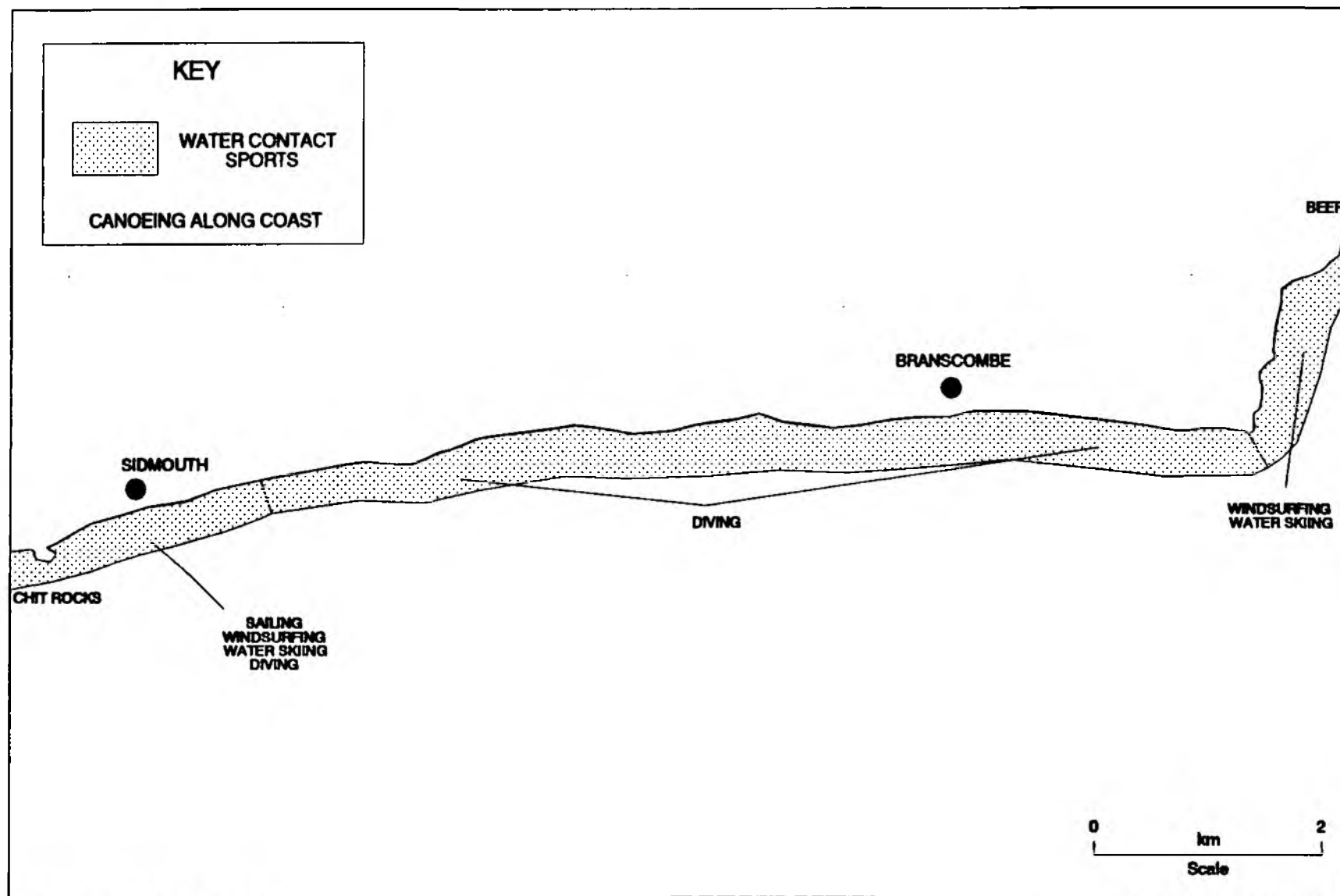


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IDENTIFIED USES OF TIDAL WATERS

		OBJECTIVES						
MAP NO	MAP TITLE	BASIC AMENITIES	WATER CONTACT SPORTS	(1)	BATHING WATERS	(2)	INDUSTRY	EMERGENCY SERVICES
3	Chit Rocks to Beer	Coastal Footpath (No map)	Water Skiing Windsurfing Sailing Diving Canoeing	F V V F	Sidmouth Beach Weston Mouth Branscombe Mouth Branscombe Beach Beer Beach	ECM M M ECM		

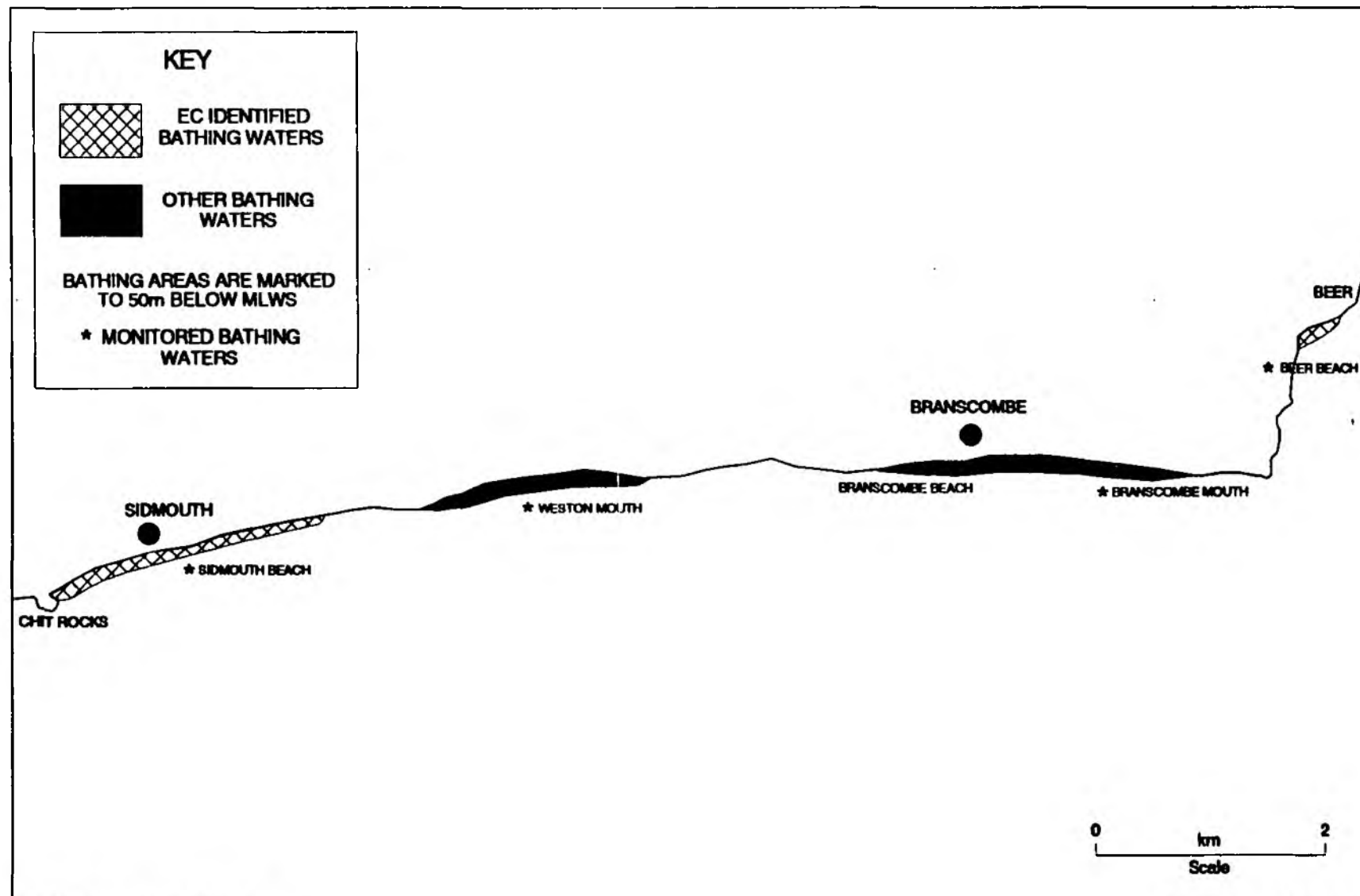
CHIT ROCKS TO BEER - WATER CONTACT SPORTS



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CHIT ROCKS TO BEER - BATHING WATERS



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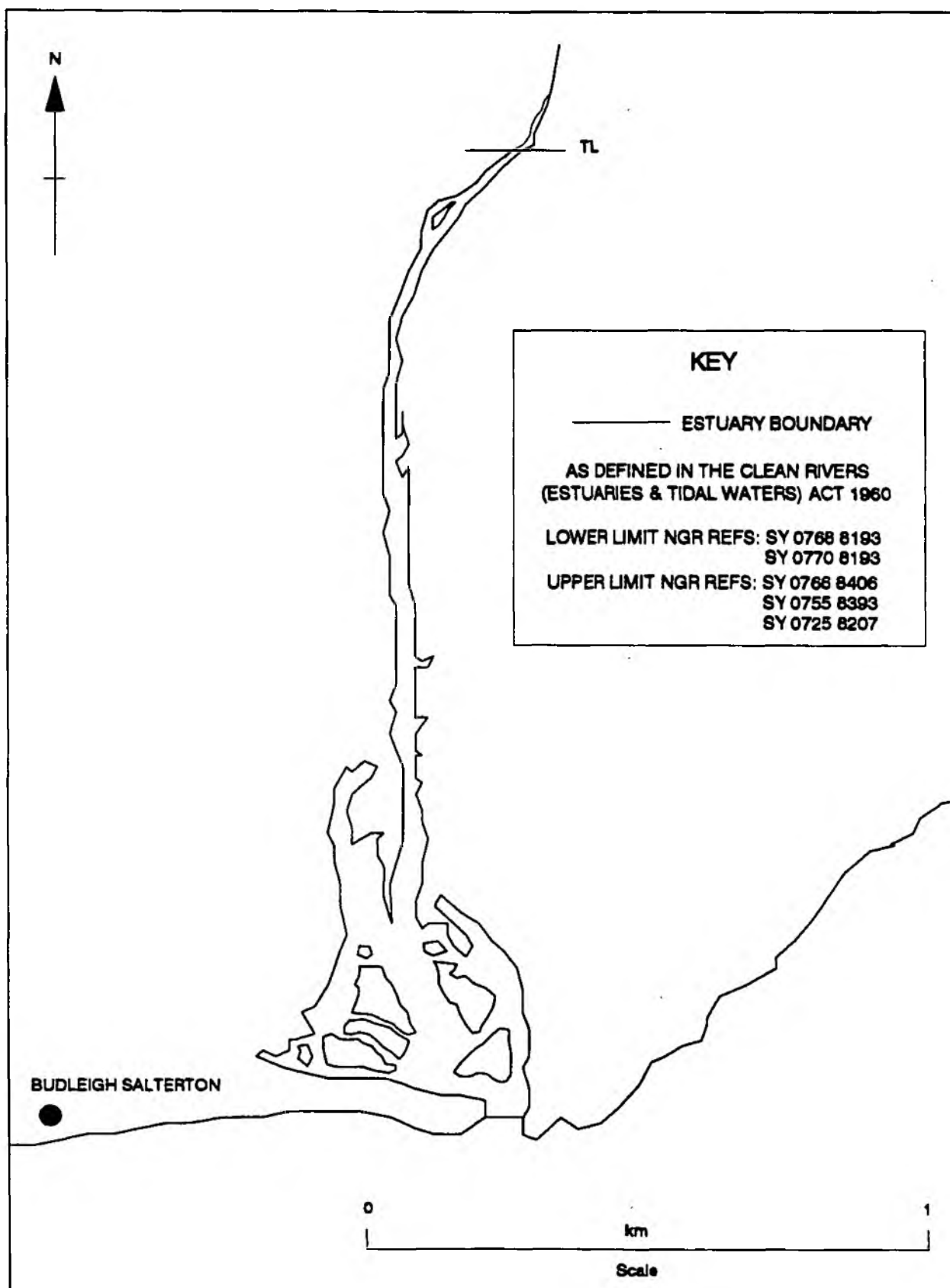
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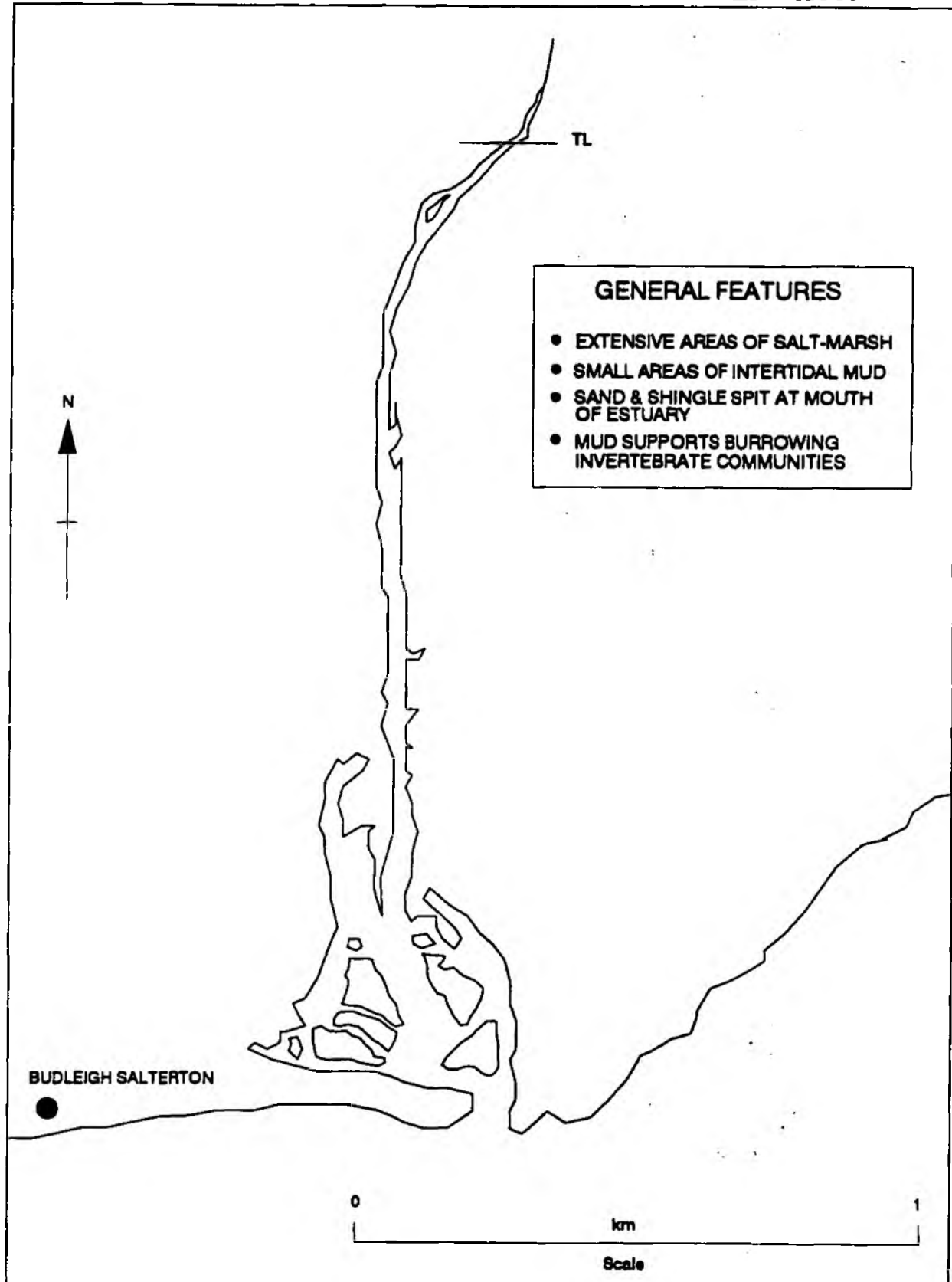
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		OBJECTIVES					
MAP NO	MAP TITLE	CATCHMENT AREAS & NGR BOUNDARIES	GENERAL ECOSYSTEM	SPECIAL ECOSYSTEM	MIGRATORY FISH	COMMERCIAL FISH	SHELL FISH
4	Otter Estuary (Budleigh Salterton to Chit Rocks)	4a = SY 126872 SY 028796	General Features	Heritage Coast AONB SSSI	Entire area	Bass Herrings Trawling all year Fixed Surface Nets	Inshore Potting

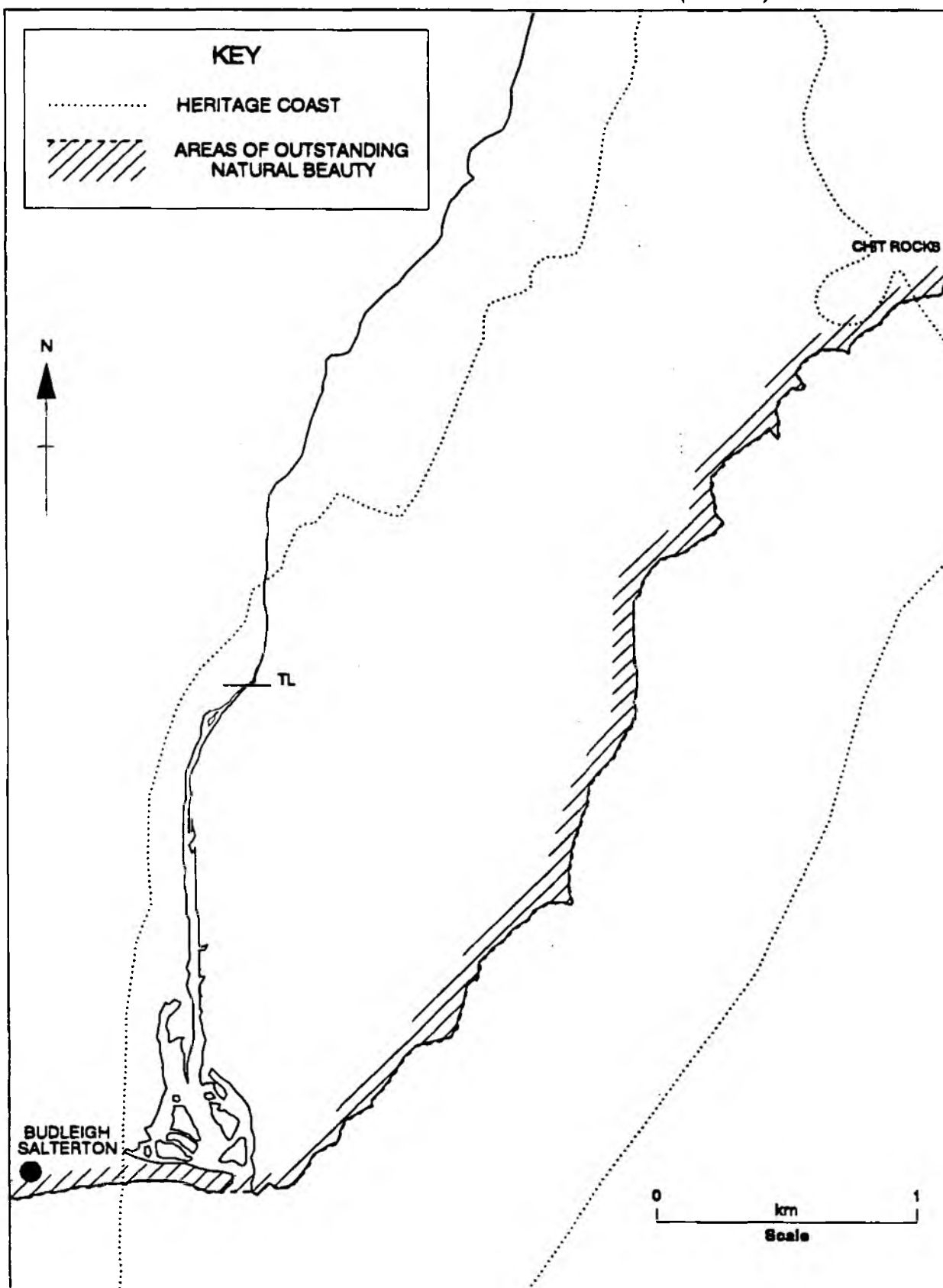
OTTER ESTUARY - ESTUARY BOUNDARY



OTTER ESTUARY - GENERAL ECOSYSTEM CONSERVATION



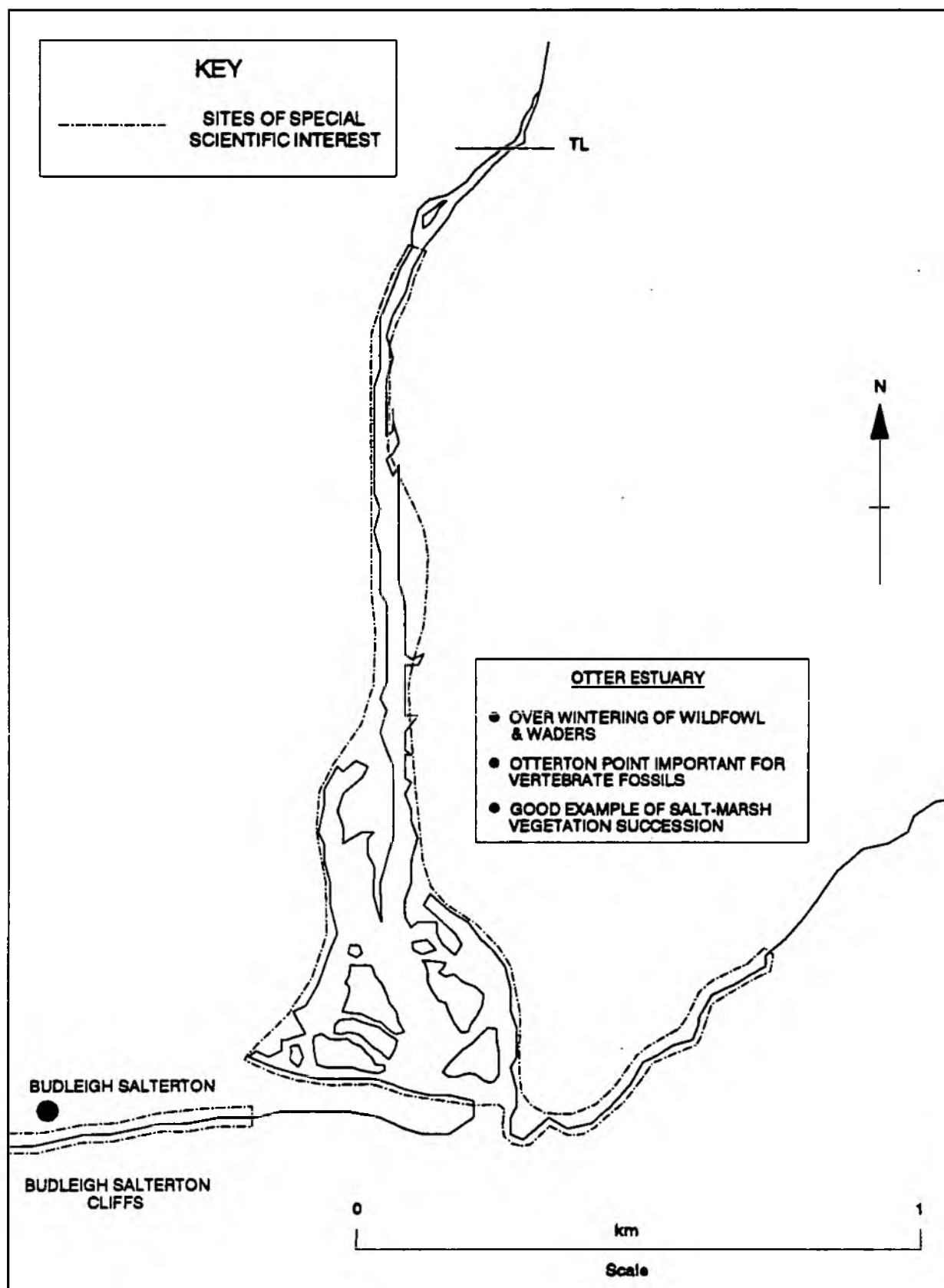
**BUDLEIGH SALTERTON TO CHIT ROCKS
SPECIAL ECOSYSTEM CONSERVATION (MAP 1)**



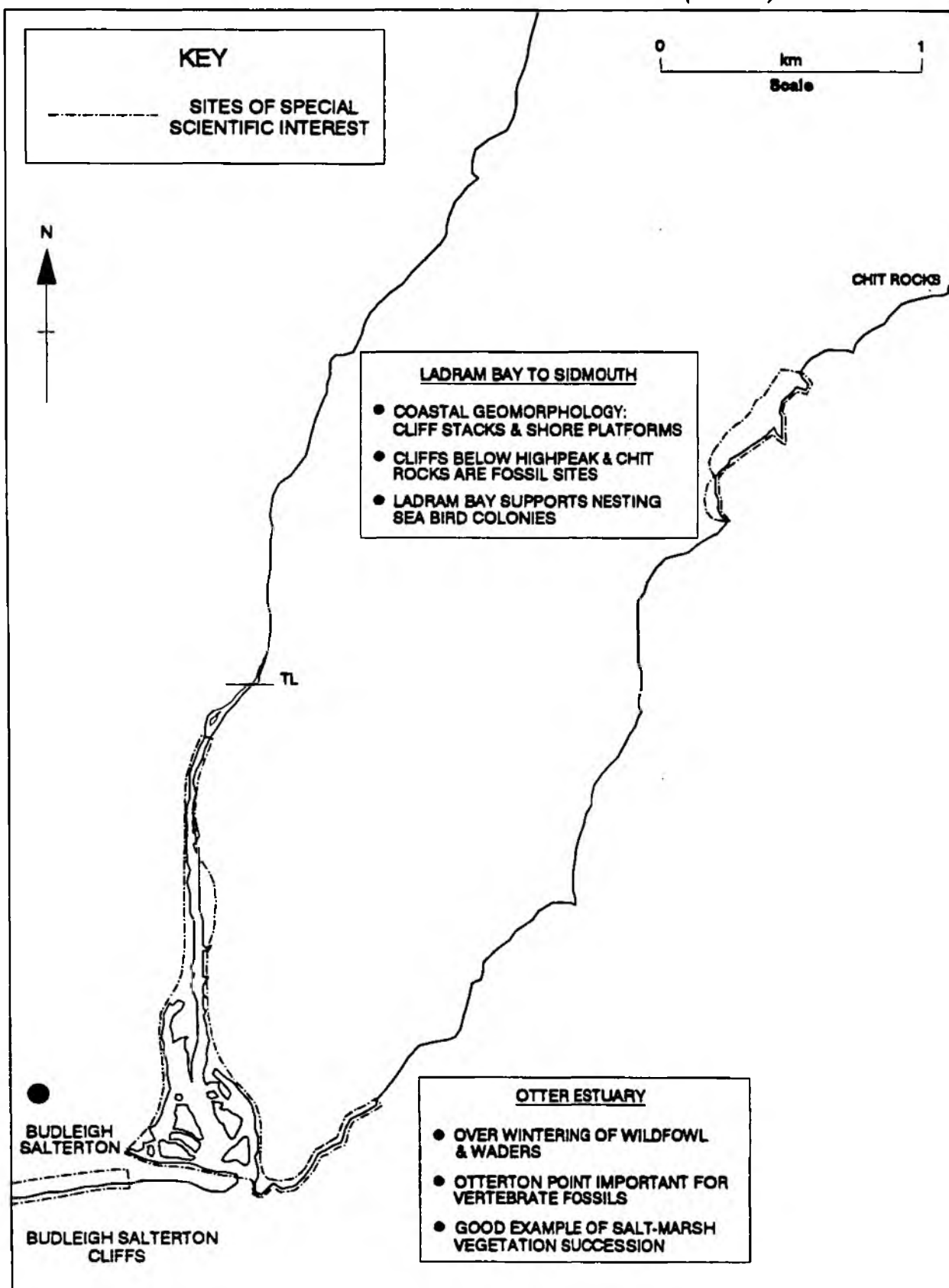
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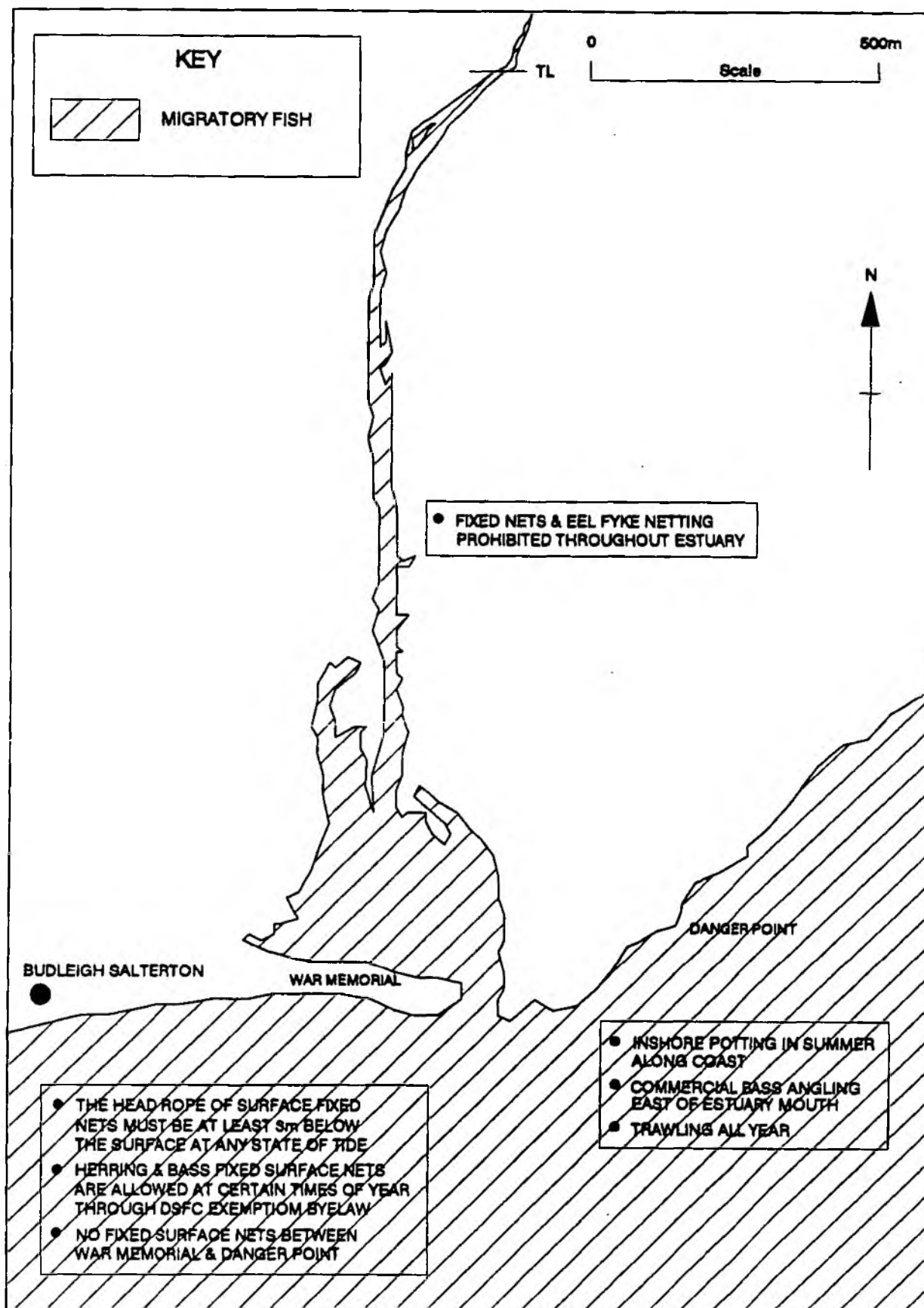
OTTER ESTUARY - SPECIAL ECOSYSTEM CONSERVATION (MAP 2)



**BUDLEIGH SALTERTON TO CHIT ROCKS
SPECIAL ECOSYSTEM CONSERVATION (MAP 2)**



OTTER ESTUARY - FISH

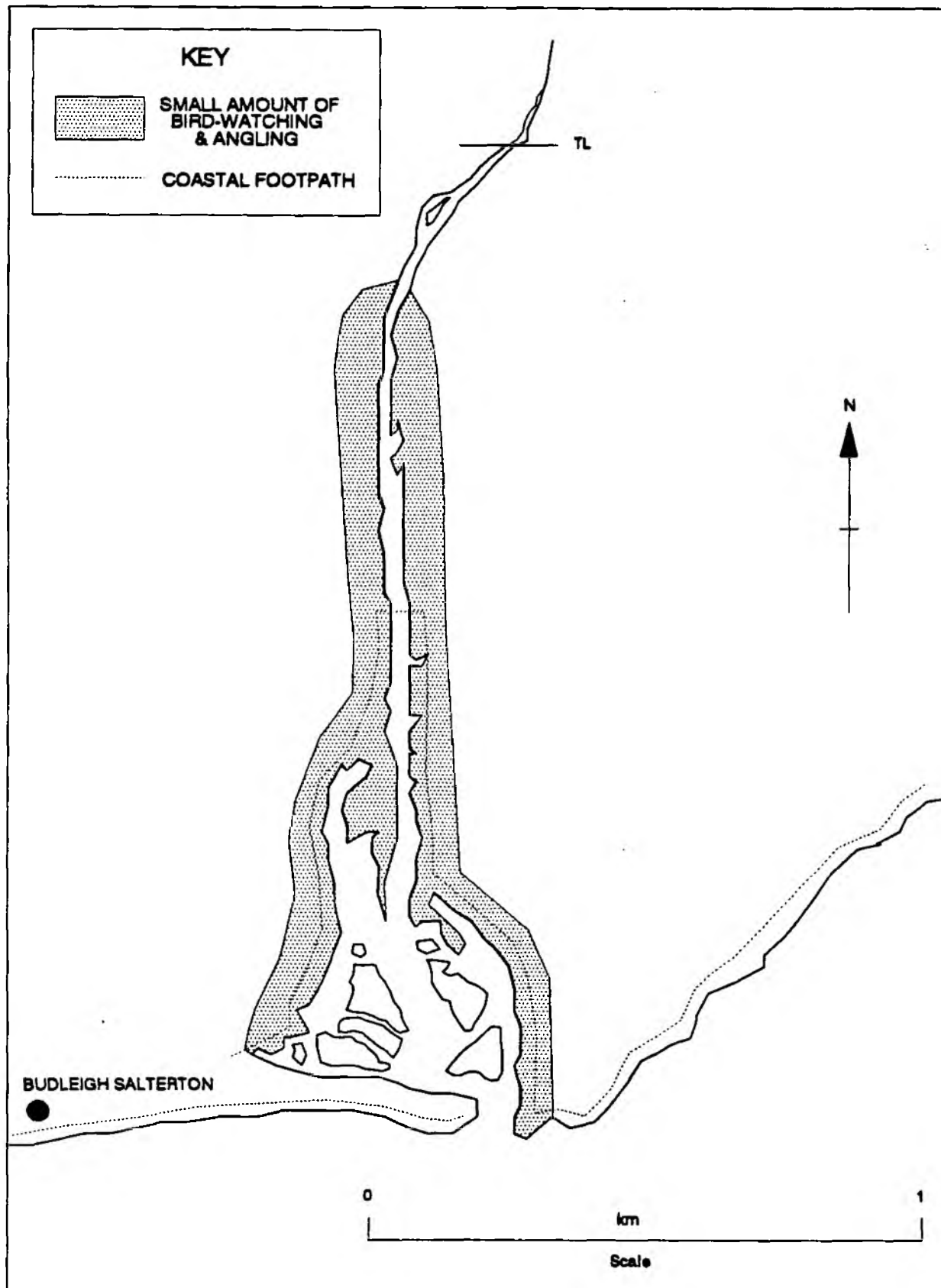


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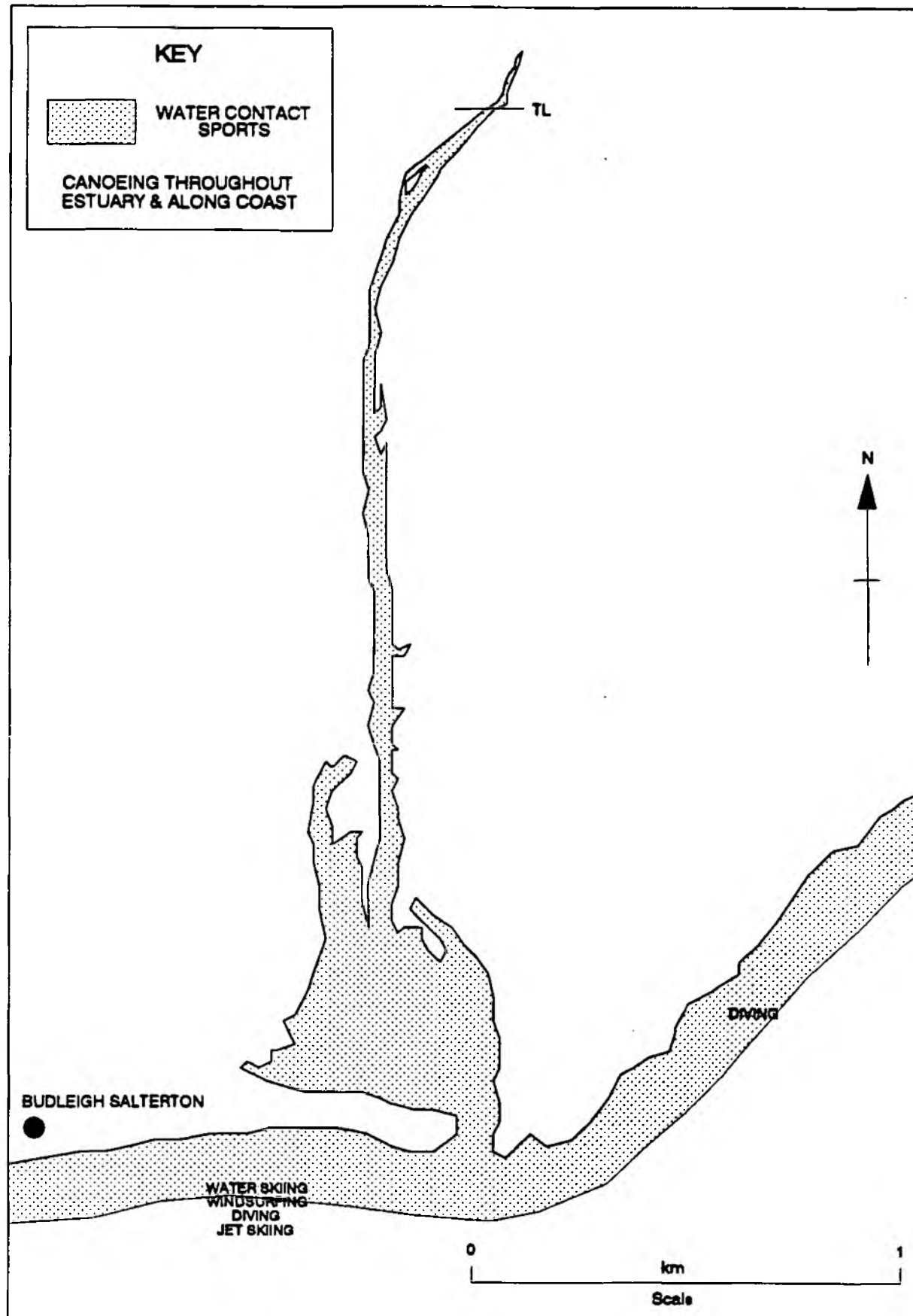
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		OBJECTIVES						
MAP NO	MAP TITLE	BASIC AMENITIES	WATER CONTACT SPORTS	(1)	BATHING WATERS	(2)	INDUSTRY	EMERGENCY SERVICES
4	Otter Estuary (Budleigh Salterton to Chit Rocks)	Bird-Watching Angling Coastal Footpath	Water Skiing Windsurfing Sailing Jet Skiing Surfing Canoeing Diving	F V F I V	Budleigh Salterton Ladram Bay Sidmouth Beach (Jacobs Ladder)	ECM ECM ECM		

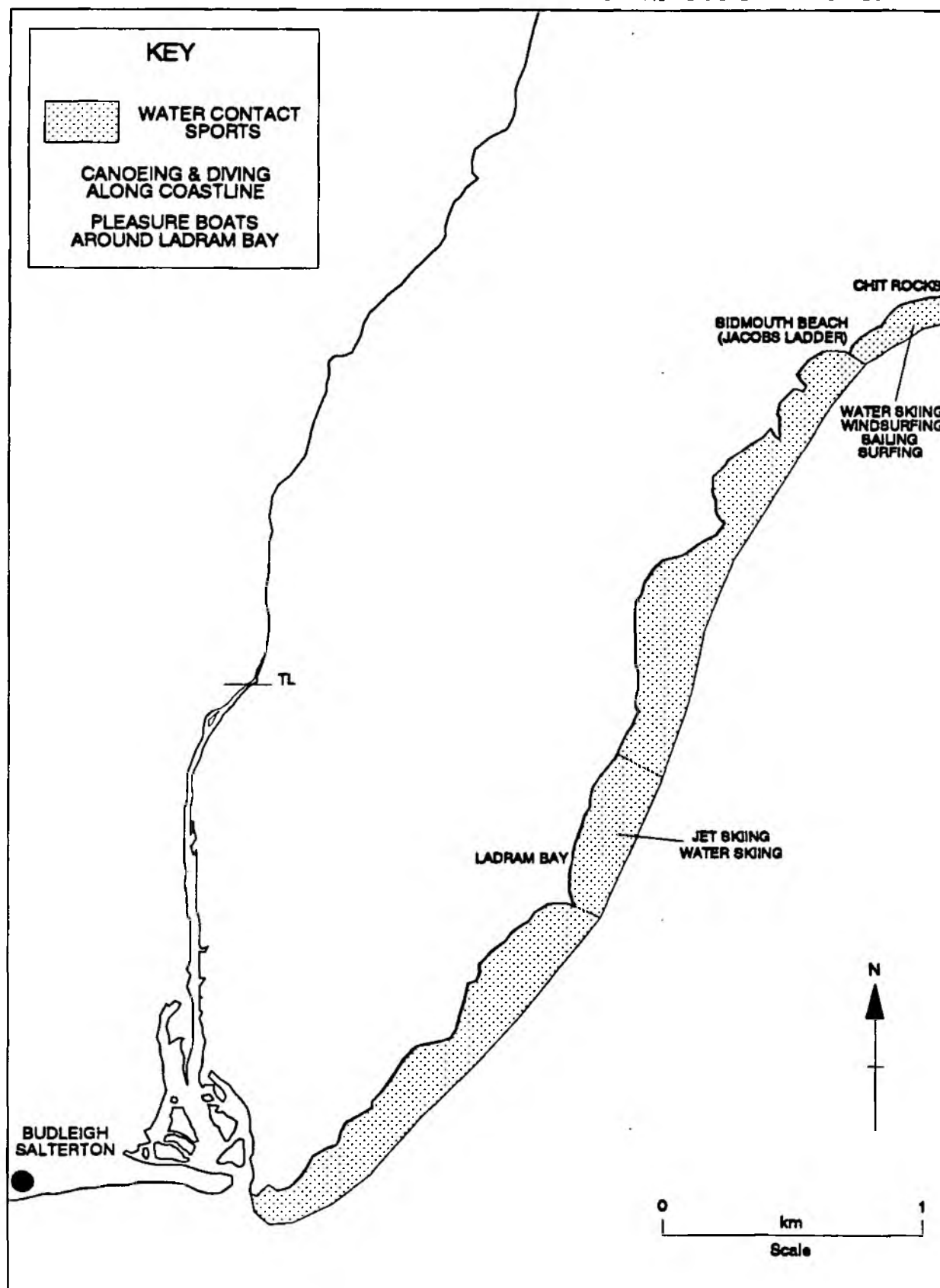
OTTER ESTUARY - BASIC AMENITIES



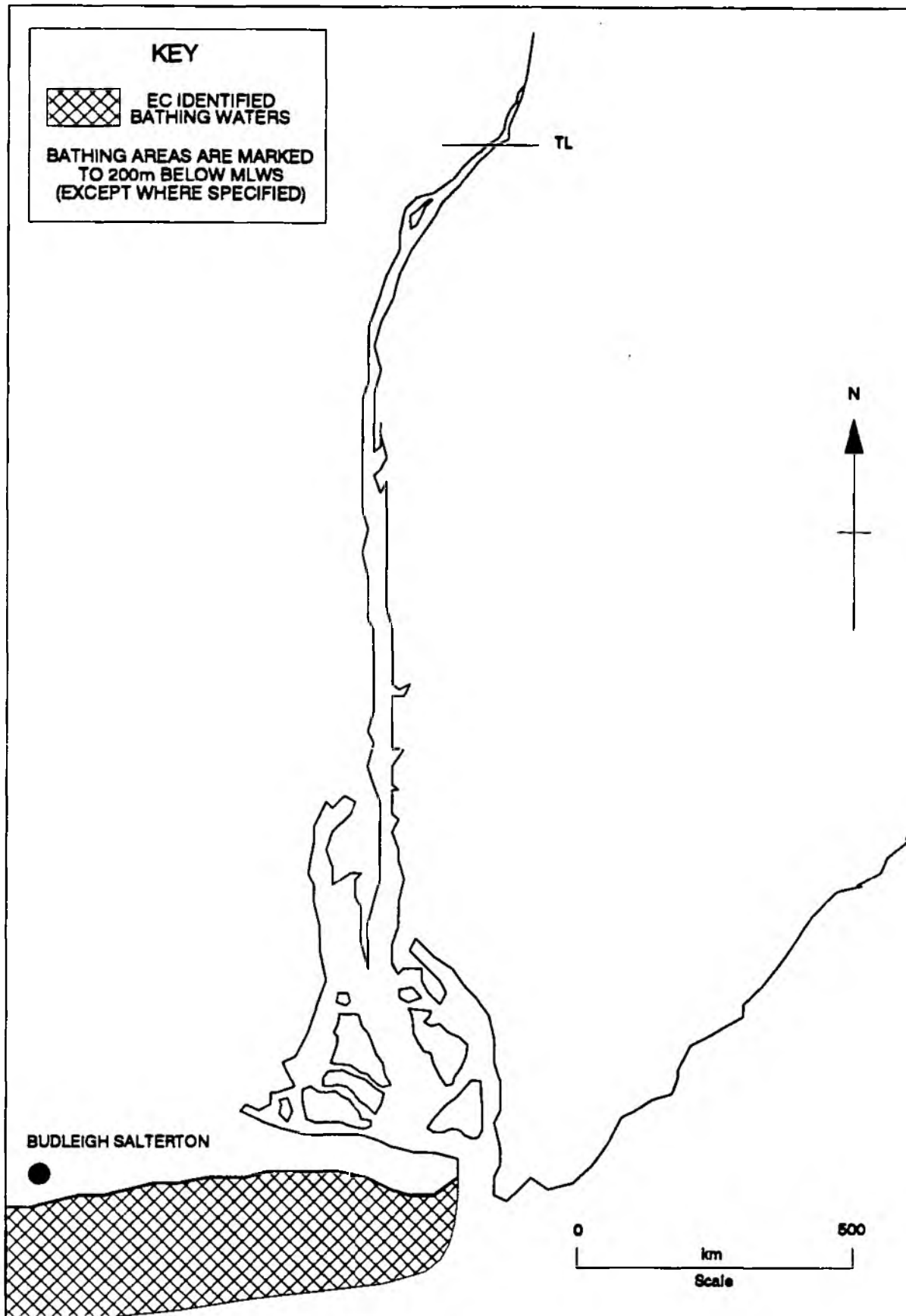
OTTER ESTUARY - WATER CONTACT SPORTS



BUDLEIGH SALTERTON TO CHIT ROCKS - WATER CONTACT SPORTS



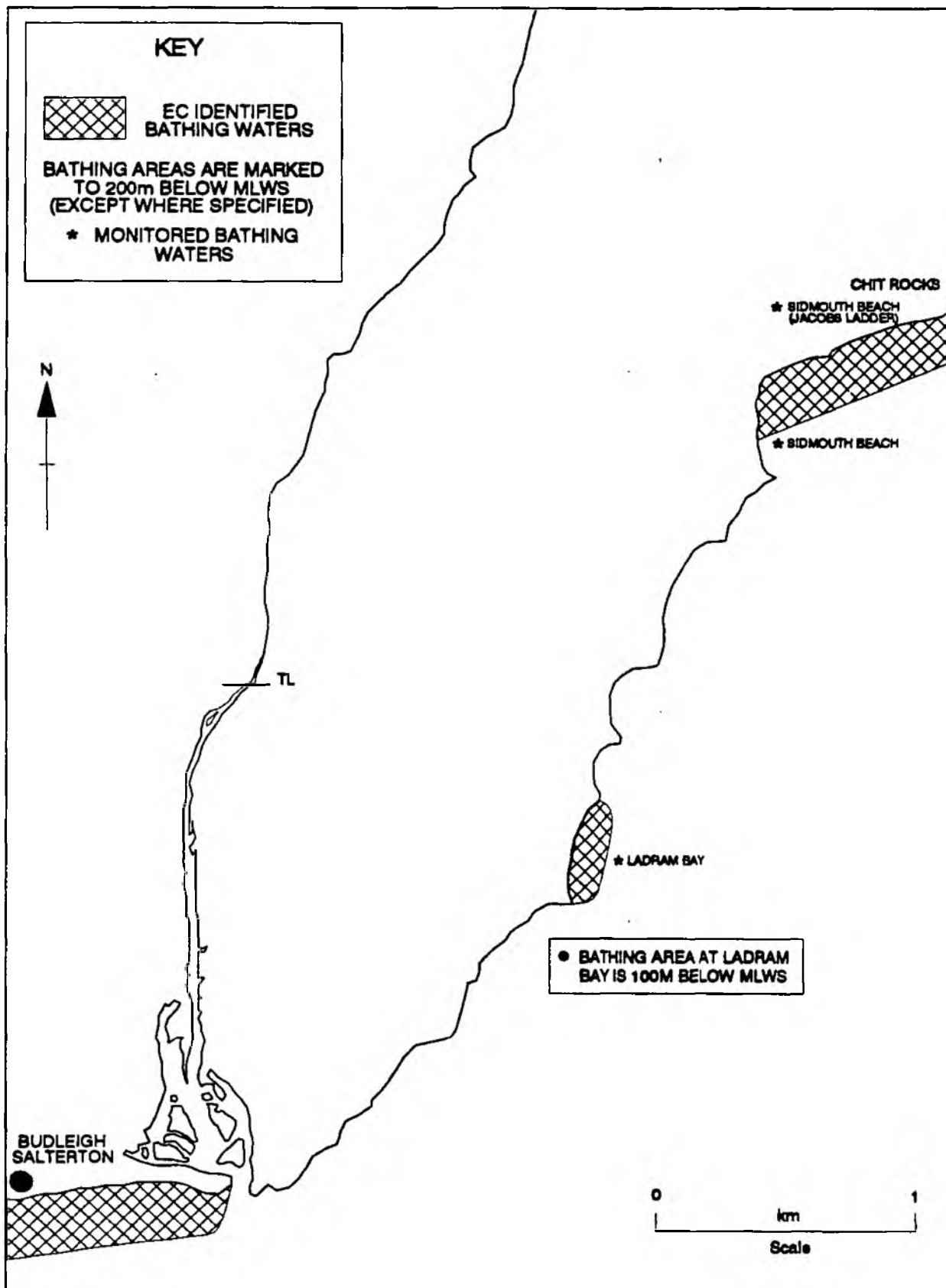
OTTER ESTUARY - BATHING WATERS



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BUDLEIGH SALTERTON TO CHIT ROCK - BATHING WATERS

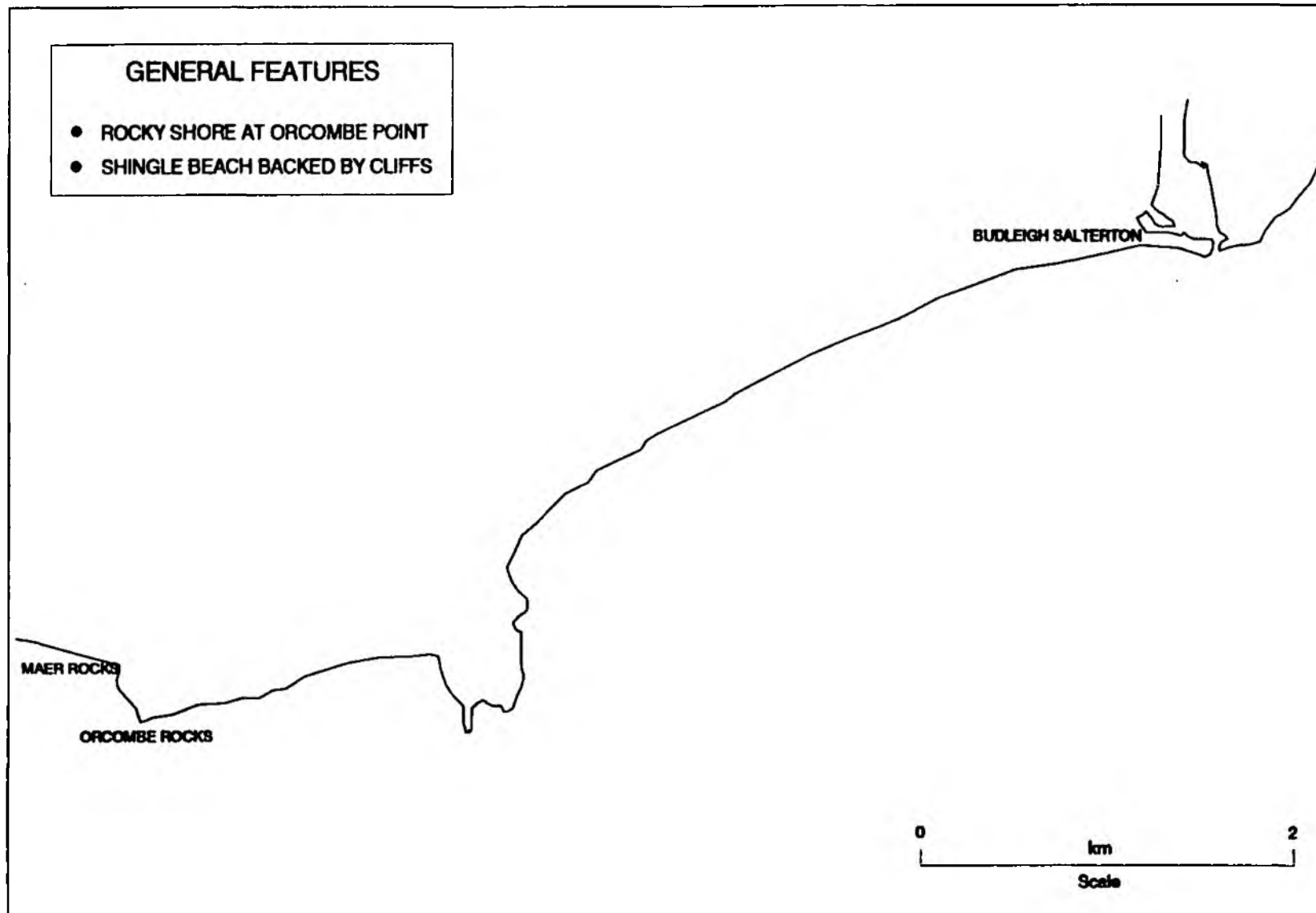


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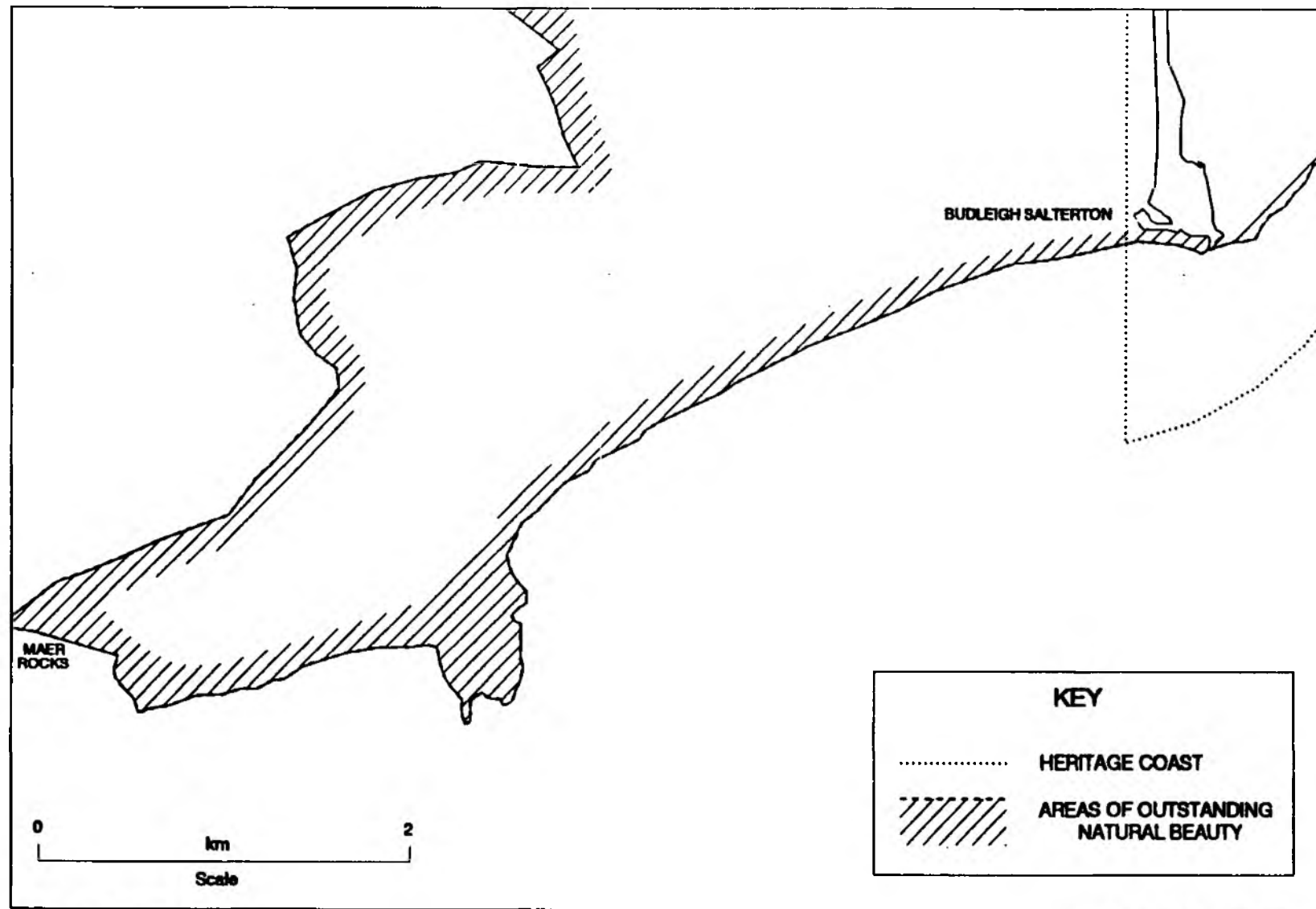
IDENTIFIED USES OF TIDAL WATERS

		OBJECTIVES					
MAP NO	MAP TITLE	CATCHMENT AREAS & NGR BOUNDARIES	GENERAL ECOSYSTEM	SPECIAL ECOSYSTEM	MIGRATORY FISH	COMMERCIAL FISH	SHELL FISH
5	Budleigh Salterton to Maer Rocks	4a = SY 126872 SY 028796 5a = SY 028796 SX 944720	General Features	Heritage Coast AONB SSSI Ramsar SPA Marine Conservation Site RSPB Reserve Devon Wildlife Trust Reserve	Entire area	Herring Bass Trawling all year Fixed Surface Nets	Inshore Potting

BUDLEIGH SALTERTON TO MAER ROCKS - GENERAL ECOSYSTEM CONSERVATION



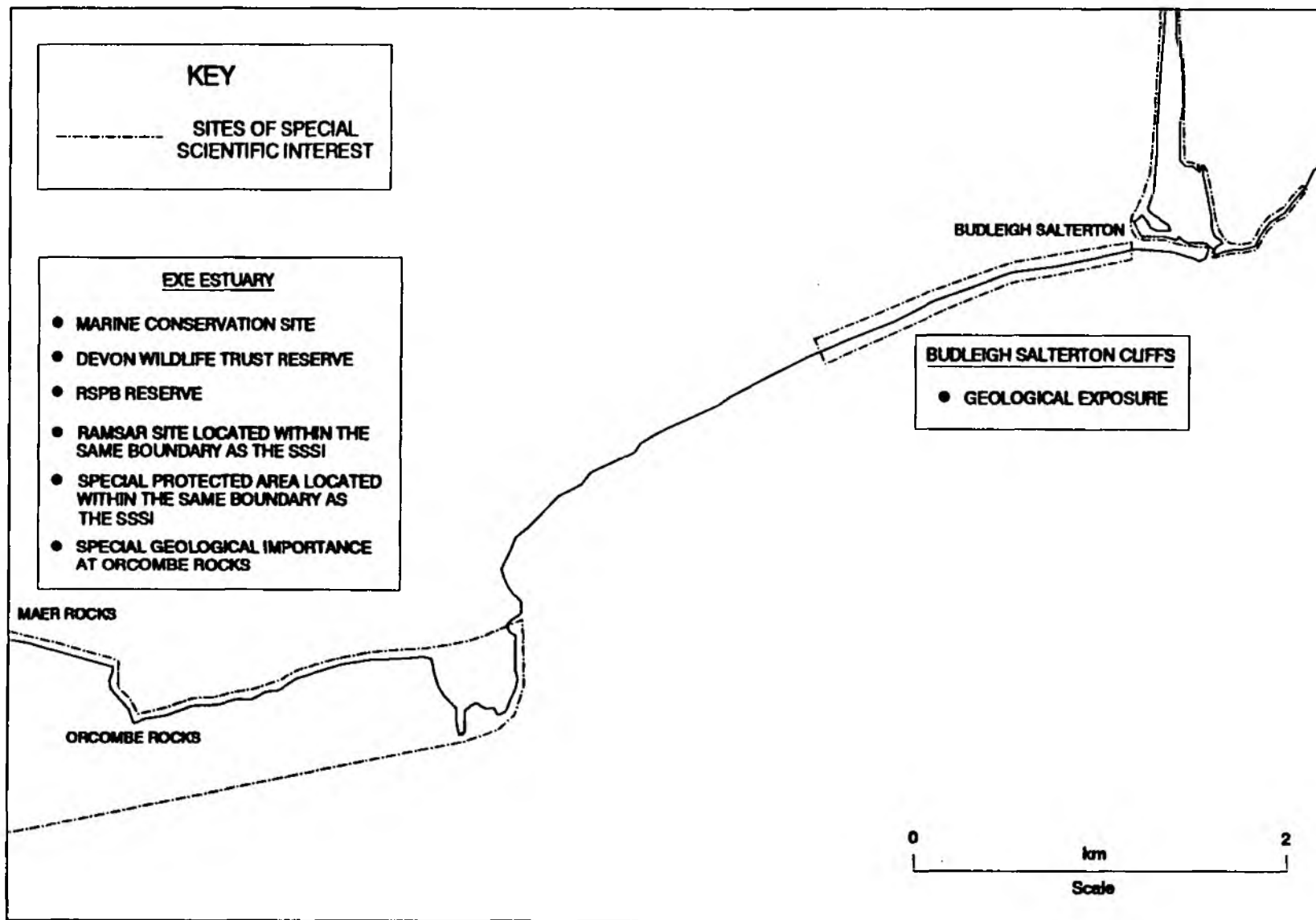
BUDLEIGH SALTERTON TO MAER ROCKS - SPECIAL ECOSYSTEM CONSERVATION (MAP 1)



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VERSION: 1 JULY 1992

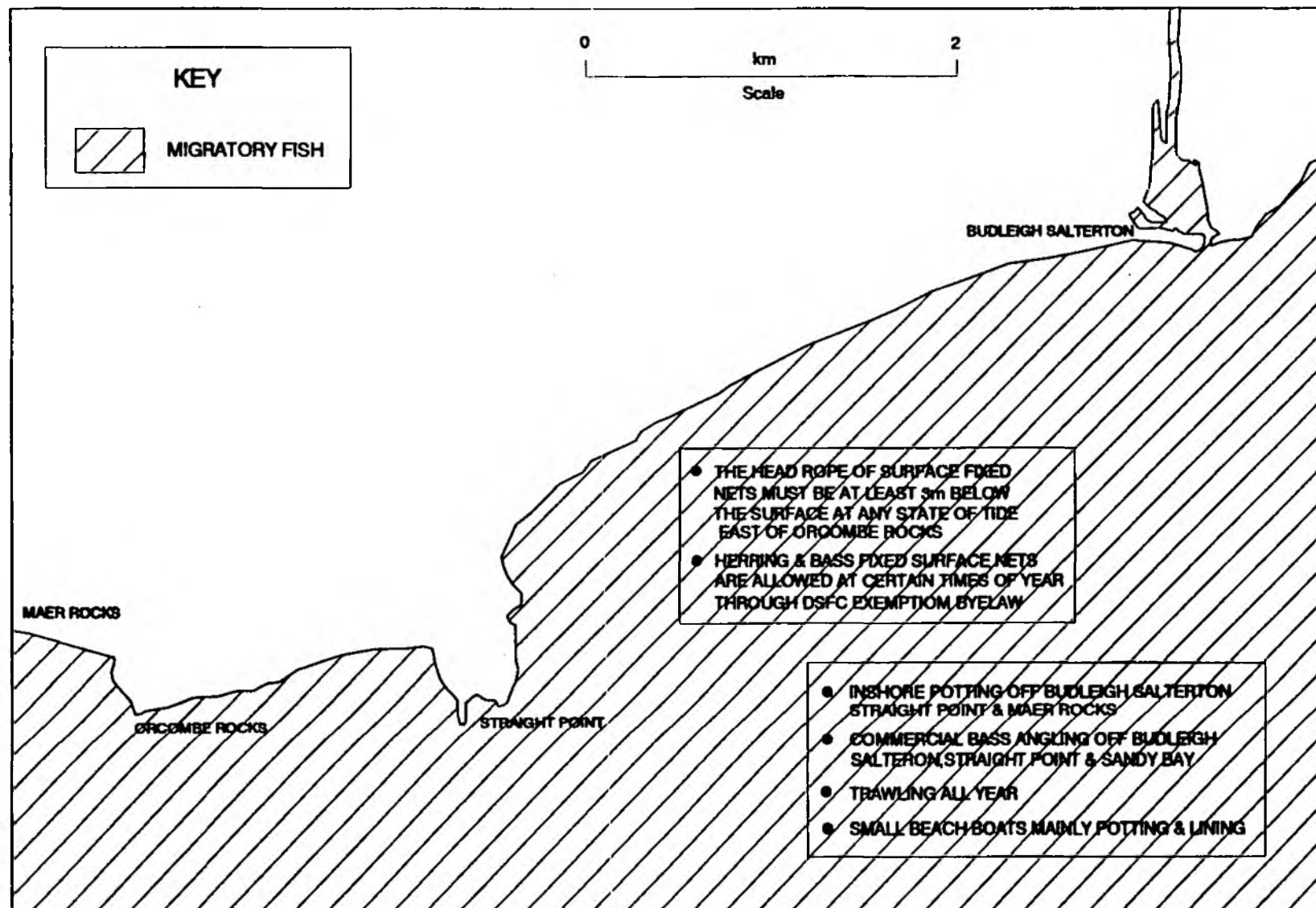
BUDLEIGH SALTERTON TO MAER ROCKS - SPECIAL ECOSYSTEM CONSERVATION (MAP 2)



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BUDLEIGH SALTERTON TO MAER ROCKS - FISH

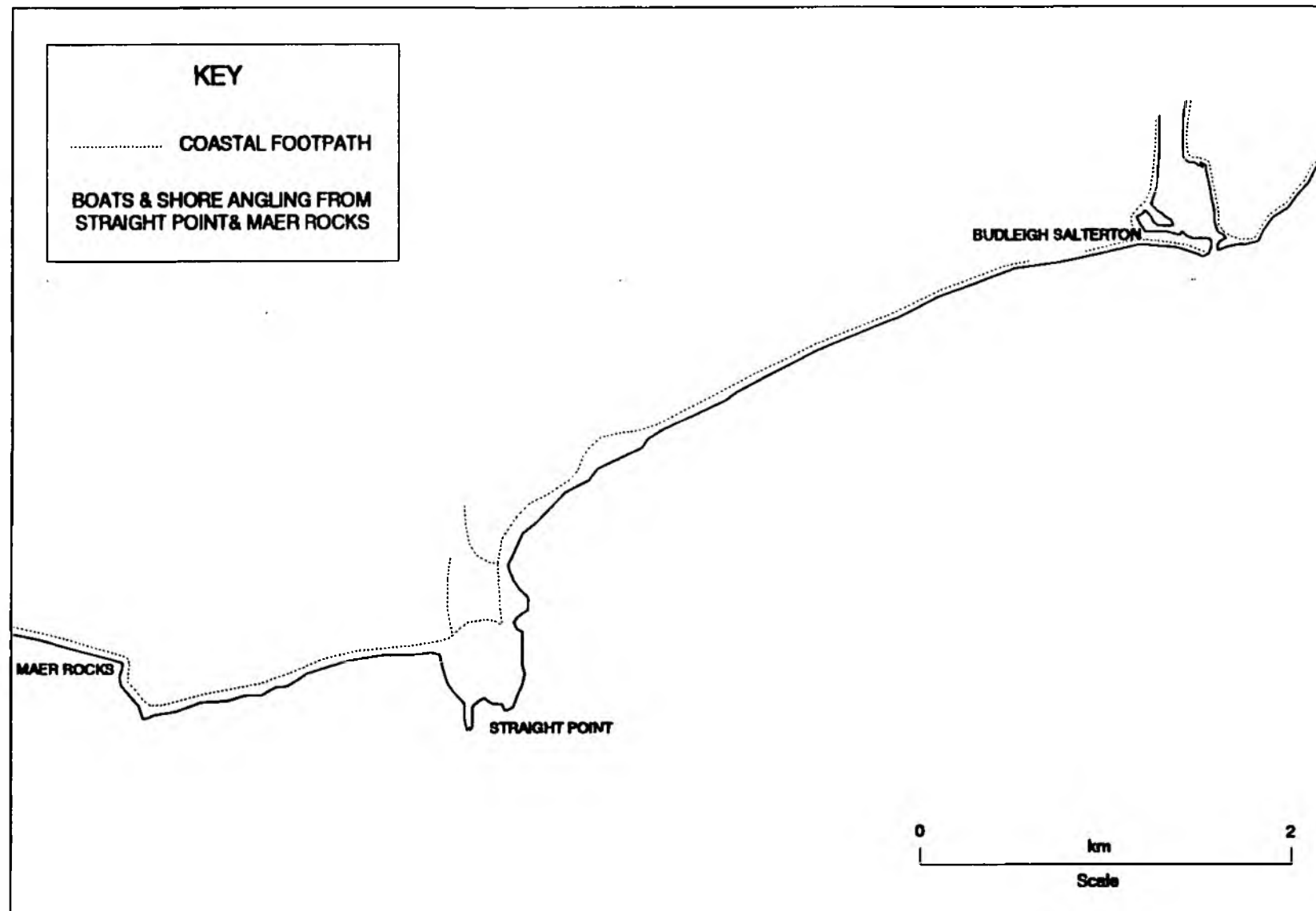


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		OBJECTIVES						
MAP NO	MAP TITLE	BASIC AMENITIES	WATER CONTACT SPORTS	(1)	BATHING WATERS	(2)	INDUSTRY	EMERGENCY SERVICES
5	Budleigh Salterton to Maer Rocks	Coastal Footpath Boat & Shore Angling	Water Skiing Windsurfing Sailing Jet Skiing Diving Canoeing	F V F F V V	Budleigh Salterton Sandy Bay	ECM ECM		

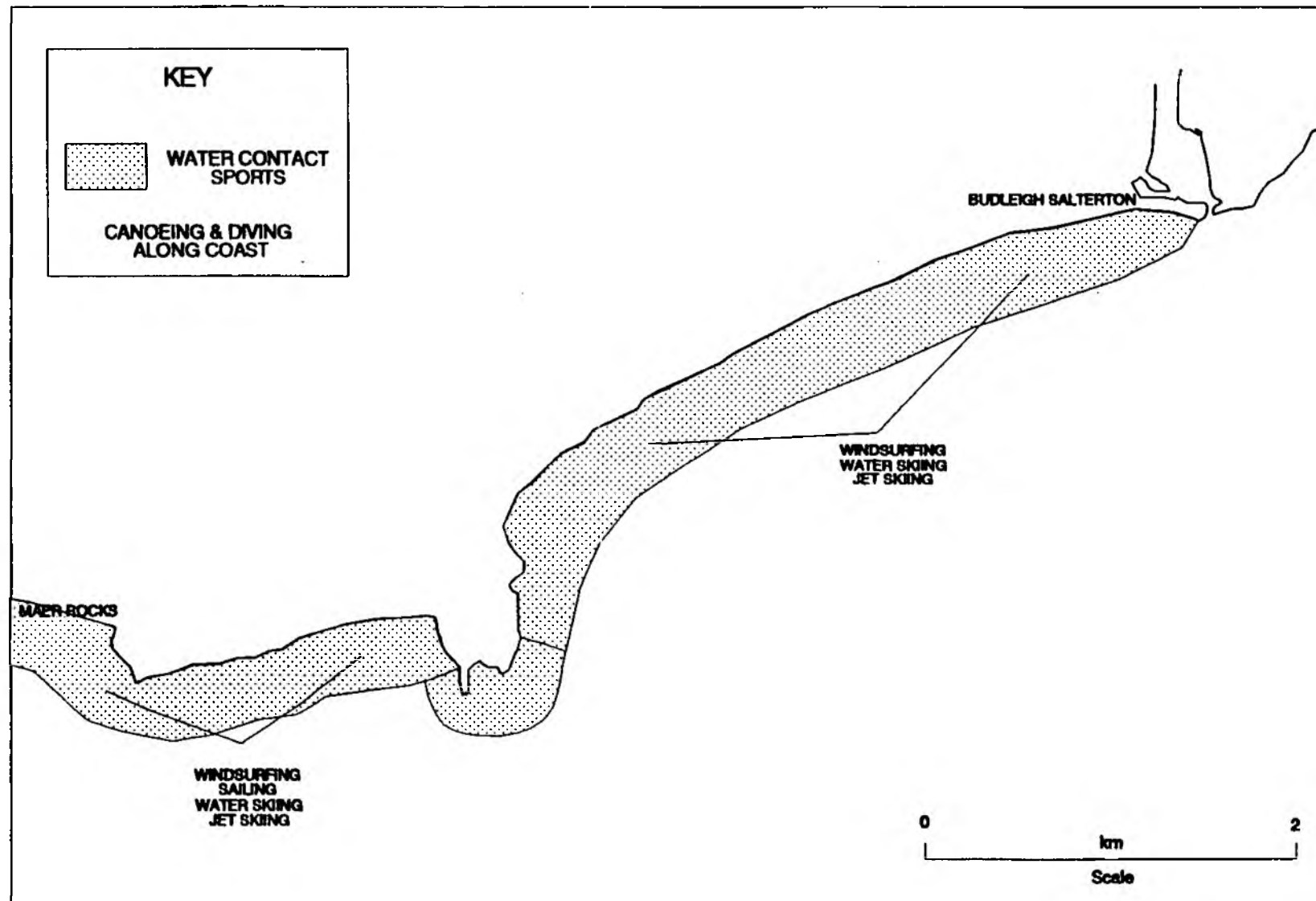
BUDLEIGH SALTERTON TO MAER ROCKS - BASIC AMENITIES



N.R.A. - SOUTH WEST REGION

VERSION: 1 JULY 1992

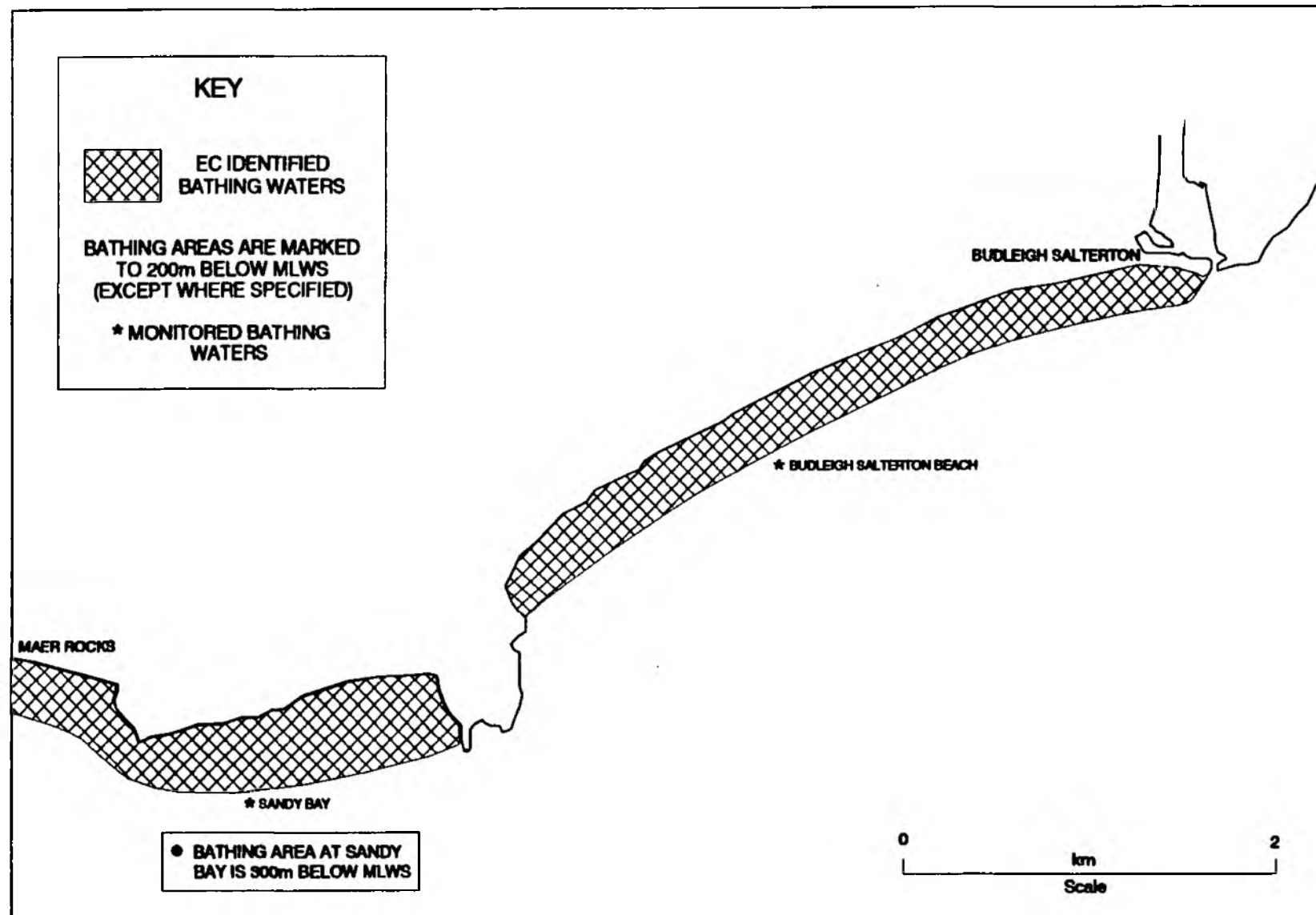
BUDLEIGH SALTERTON TO MAER ROCKS - WATER CONTACT SPORTS



N.R.A. - SOUTH WEST REGION

VERSION: 2 OCT 1992

BUDLEIGH SALTERTON TO MAER ROCKS - BATHING WATERS



N.R.A. - SOUTH WEST REGION

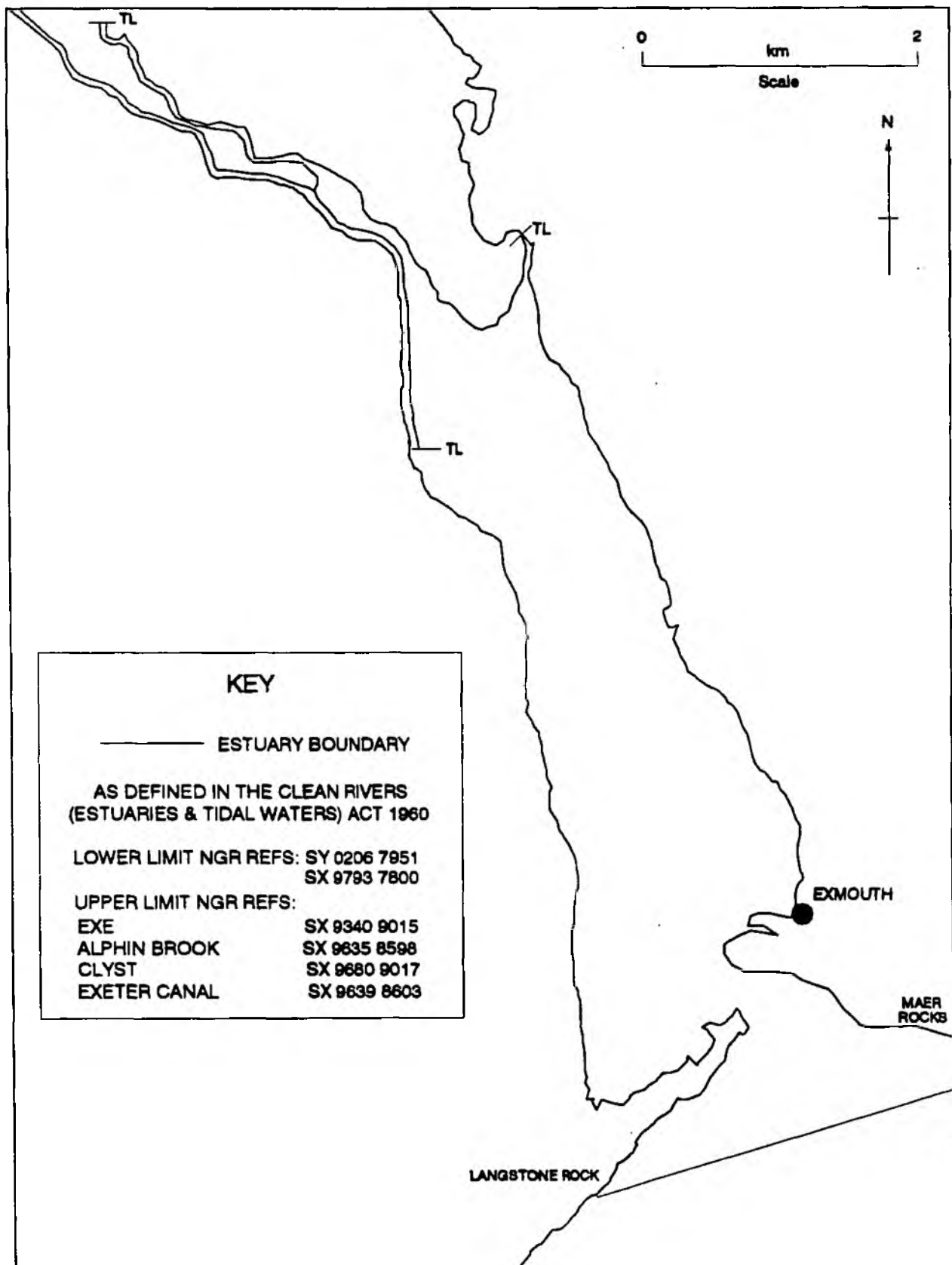
VERSION: 1 JULY 1992

TITLE: NATIONAL RIVERS AUTHORITY - SOUTH WEST REGION
 LAST UPDATE 16.12.92
 VERSION: 2

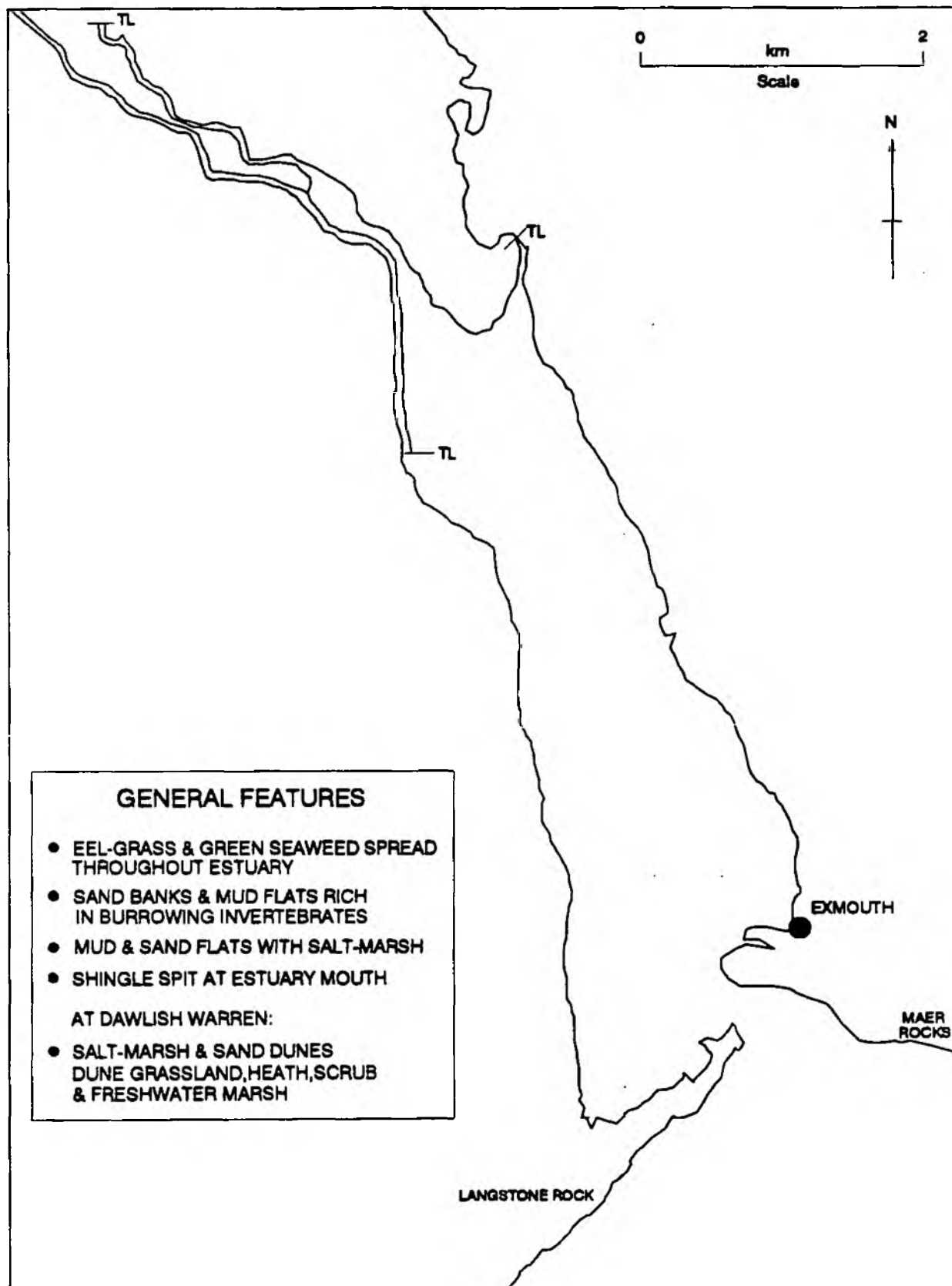
IDENTIFIED USES OF TIDAL WATERS

		OBJECTIVES					
MAP NO	MAP TITLE	CATCHMENT AREAS & NGR BOUNDARIES	GENERAL ECOSYSTEM	SPECIAL ECOSYSTEM	MIGRATORY FISH	COMMERCIAL FISH	SHELL FISH
6	Exe Estuary (Maer Rocks to Langstone Rock)	5a = SY 028796 SX 944720	General Features	AONB SSSI LNR Ramsar SPA RSPB Reserve Devon Wildlife Trust Reserve Marine Conservation Site	Entire area	Bass Nursery Area boundary from Langstone Rock to Orcombe Point Fishing Harbour at Exmouth Sea Trout, Eels, Herring & Salmon Bass Netting Gill Nets Bottom & Drift nets Small scale Trawling off Exmouth Fixed Surface Nets	Oysters Mussels Manilla clams Cockles Whelks Crab Tiles

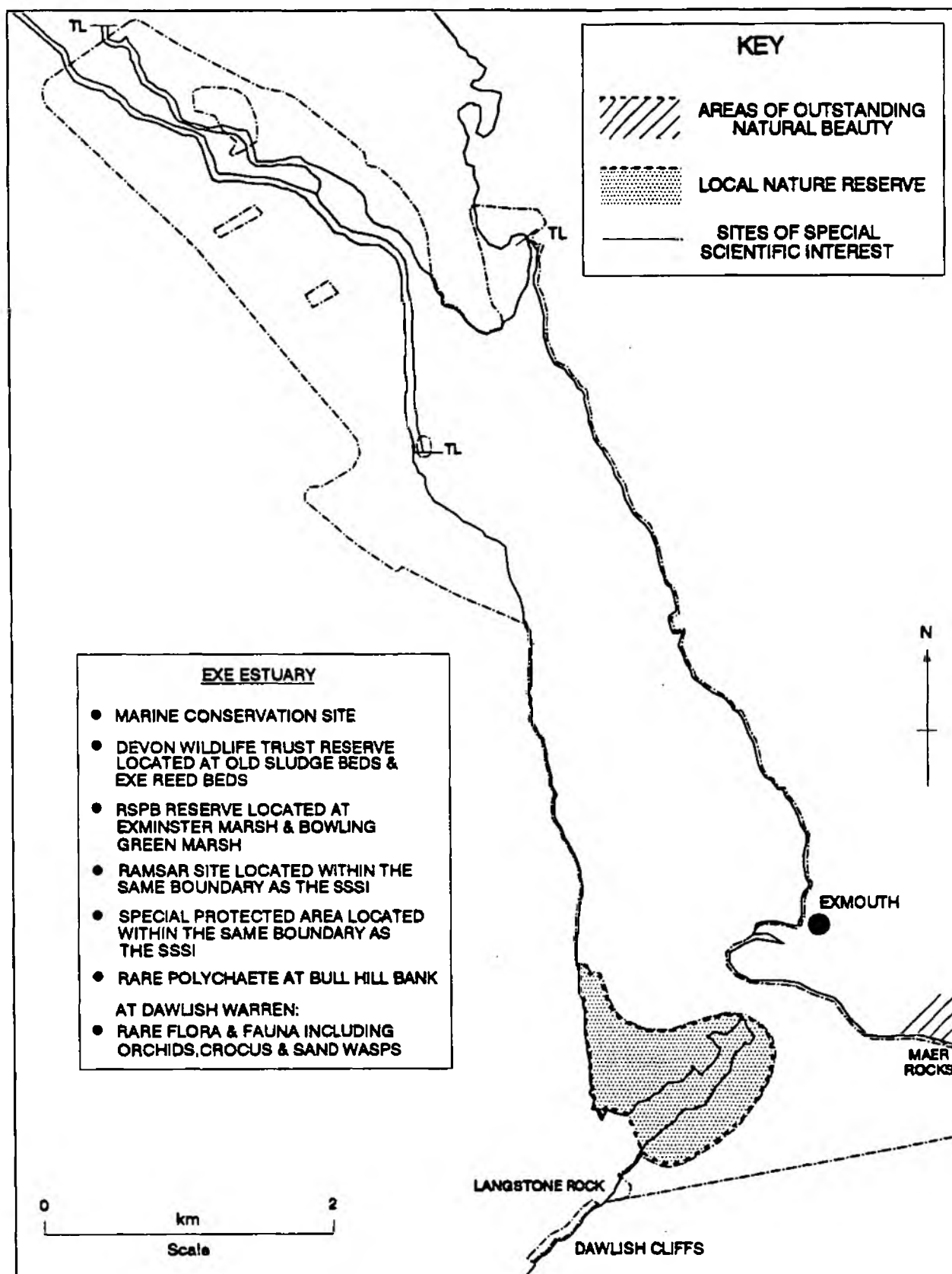
**EXE ESTUARY - MAER ROCKS TO LANGSTONE ROCK
ESTUARY BOUNDARY**



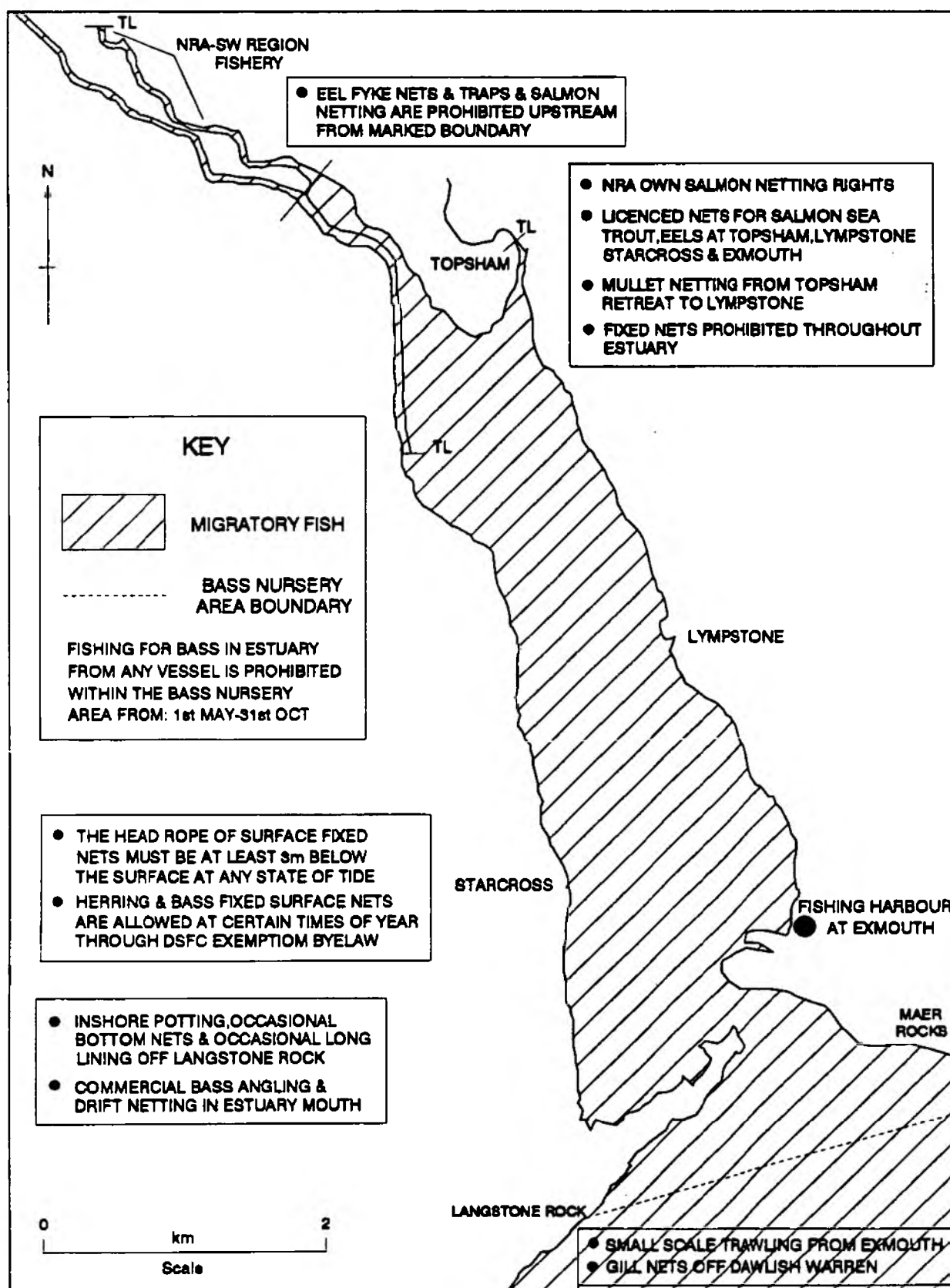
**EXE ESTUARY - MAER ROCKS TO LANGSTONE ROCK
GENERAL ECOSYSTEM CONSERVATION**



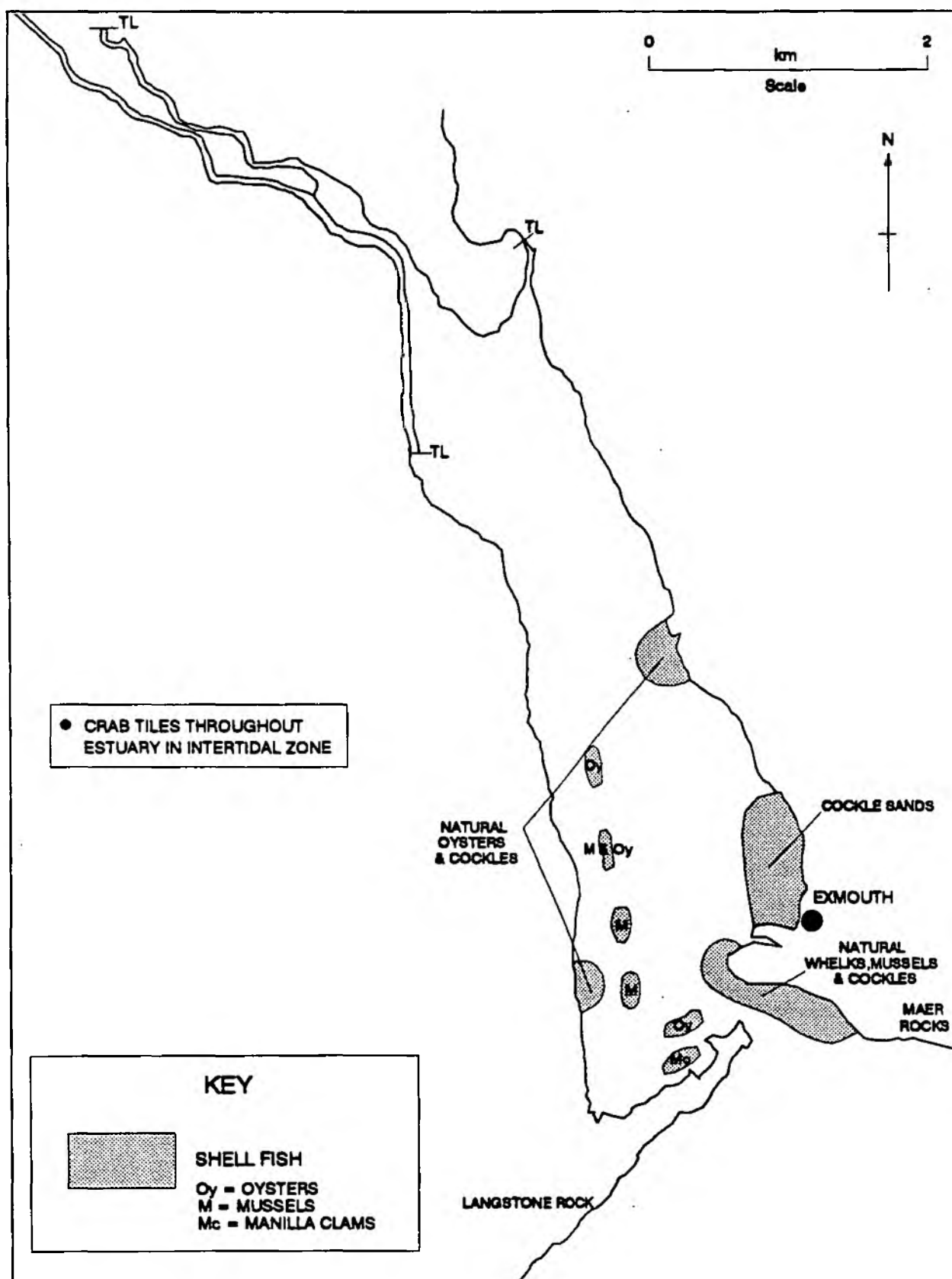
EXE ESTUARY - MAER ROCKS TO LANGSTONE ROCK SPECIAL ECOSYSTEM CONSERVATION



EXE ESTUARY - MAER ROCKS TO LANGSTONE ROCK - FISH (MAP 1)



EXE ESTUARY - MAER ROCKS TO LANGSTONE ROCK - FISH (MAP 2)

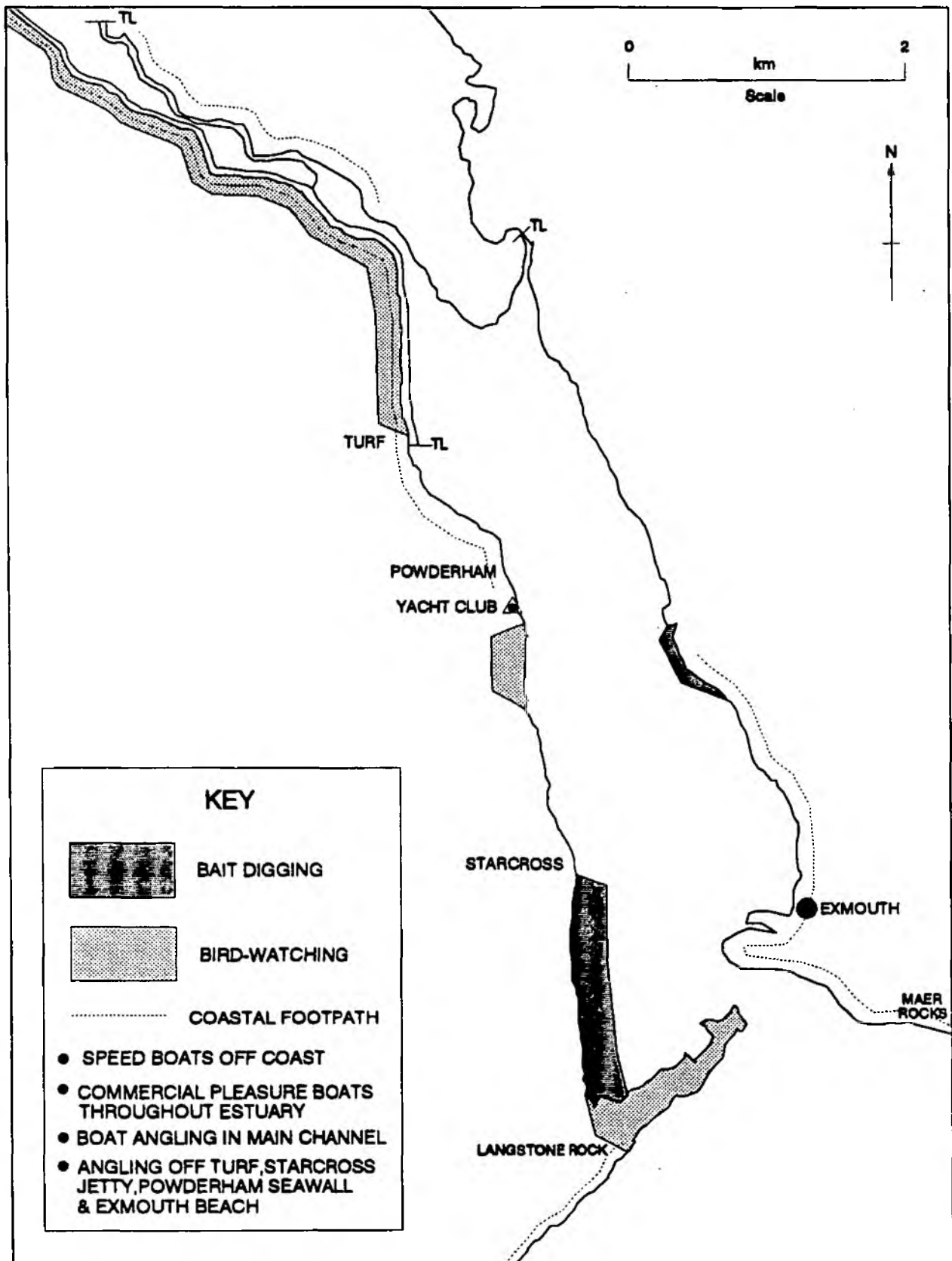


TITLE: NATIONAL RIVERS AUTHORITY - SOUTH WEST REGION
 LAST UPDATE 16.12.92
 VERSION: 2

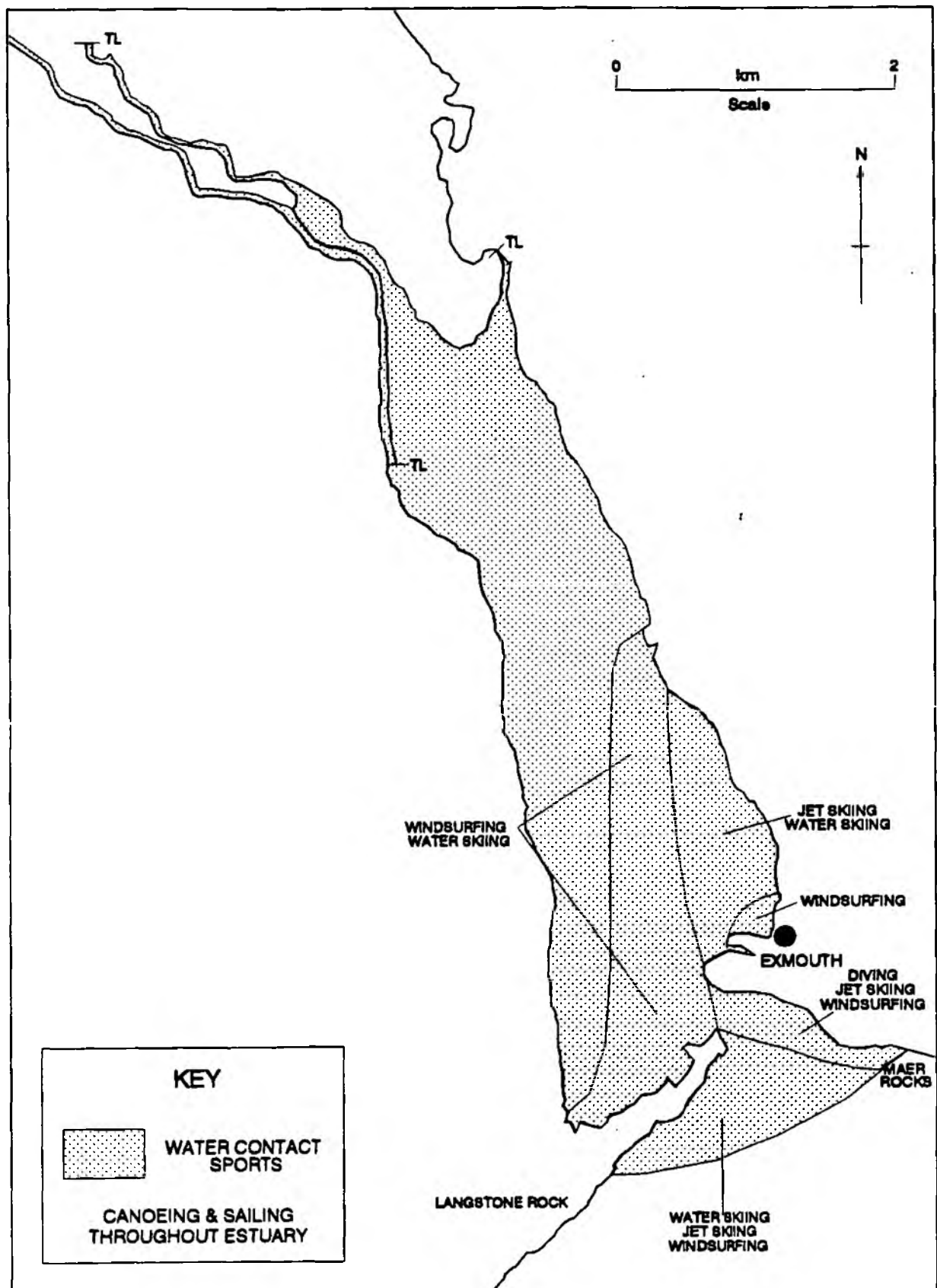
IDENTIFIED USES OF TIDAL WATERS

		OBJECTIVES						
MAP NO	MAP TITLE	BASIC AMENITIES	WATER CONTACT SPORTS	(1)	BATHING WATERS	(2)	INDUSTRY	EMERGENCY SERVICES
6	Exe Estuary (Maer Rocks to Langstone Rock)	Bait Digging Bird-Watching Coastal Footpath Commercial Pleasure Boats Angling off Turf, Starcross Jetty, Powderham Seawall, Exmouth Quay & Beach Boat angling in main channel Speed Boats off Coast	Windsurfing Water Skiing Jet Skiing Rowing Diving Sailing Canoeing	V V V V V V F	Exmouth Beach Dawlish Warren Dawlish Town Beach	ECM ECM ECM	Exmouth Docks Shipbuilders Boat Yards	Lymington Marines Exmouth Lifeboat

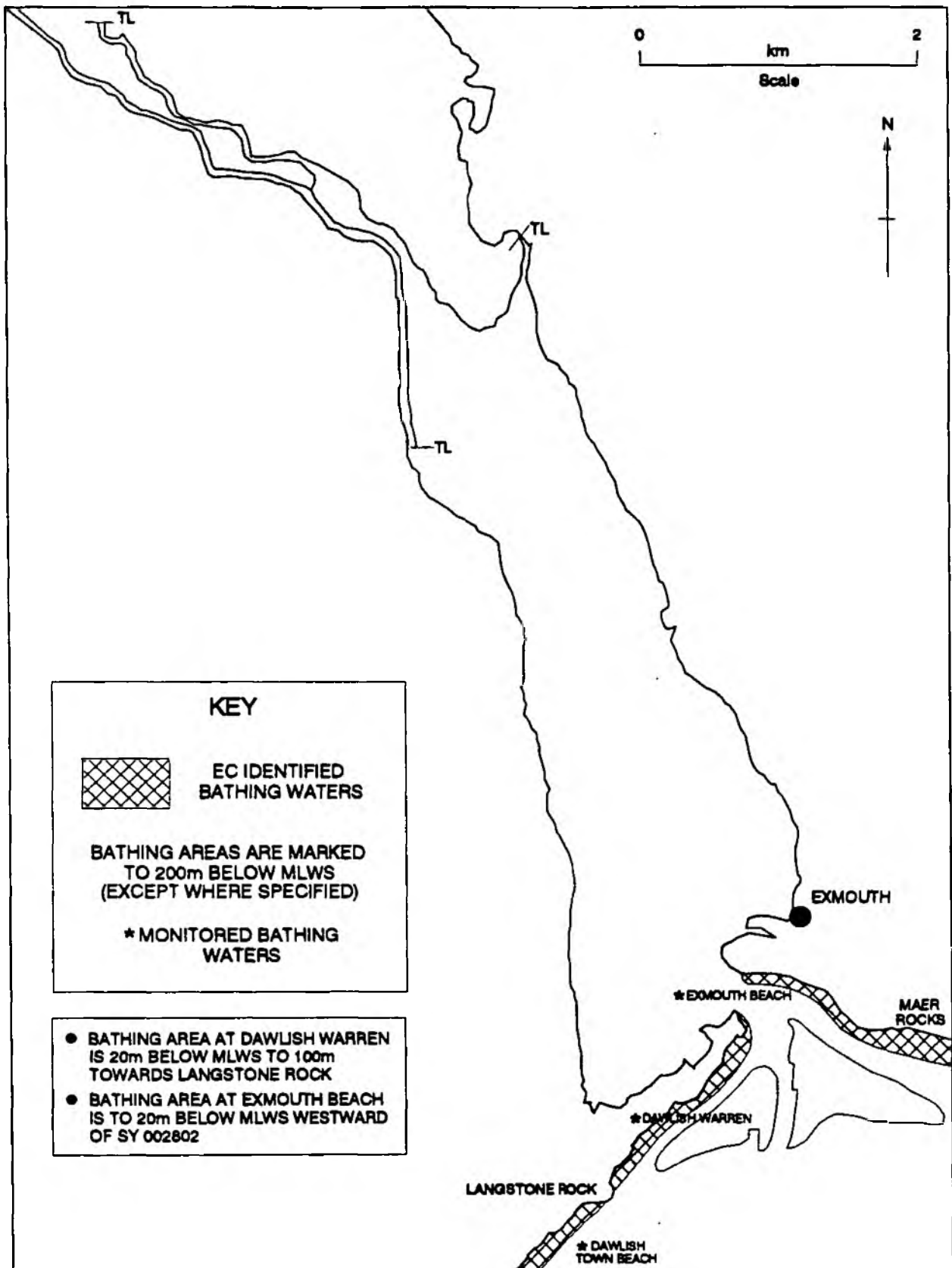
EXE ESTUARY - MAER ROCKS TO LANGSTONE ROCK - BASIC AMENITY



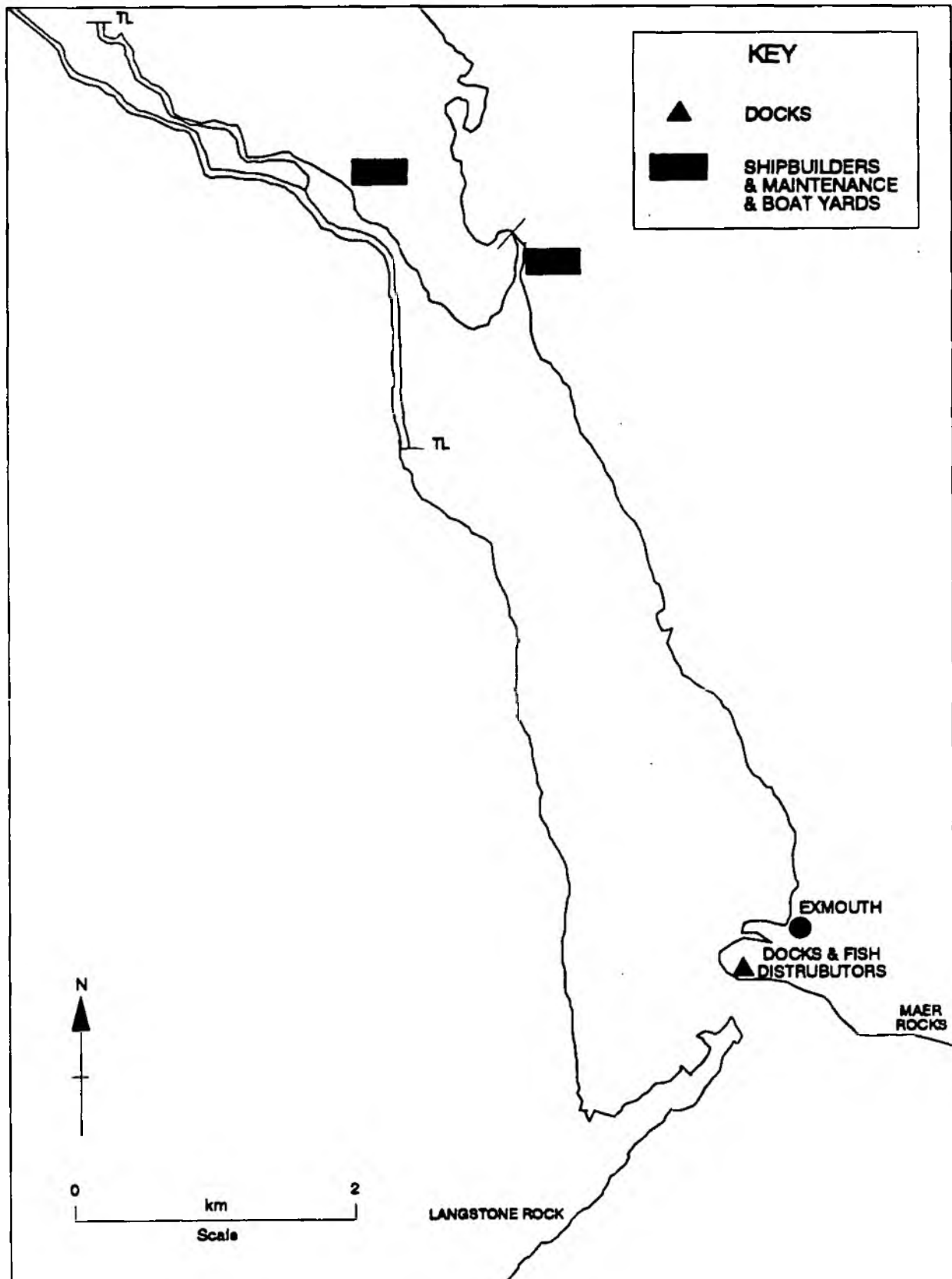
EXE ESTUARY - MAER ROCKS TO LANGSTONE ROCK WATER CONTACT SPORTS



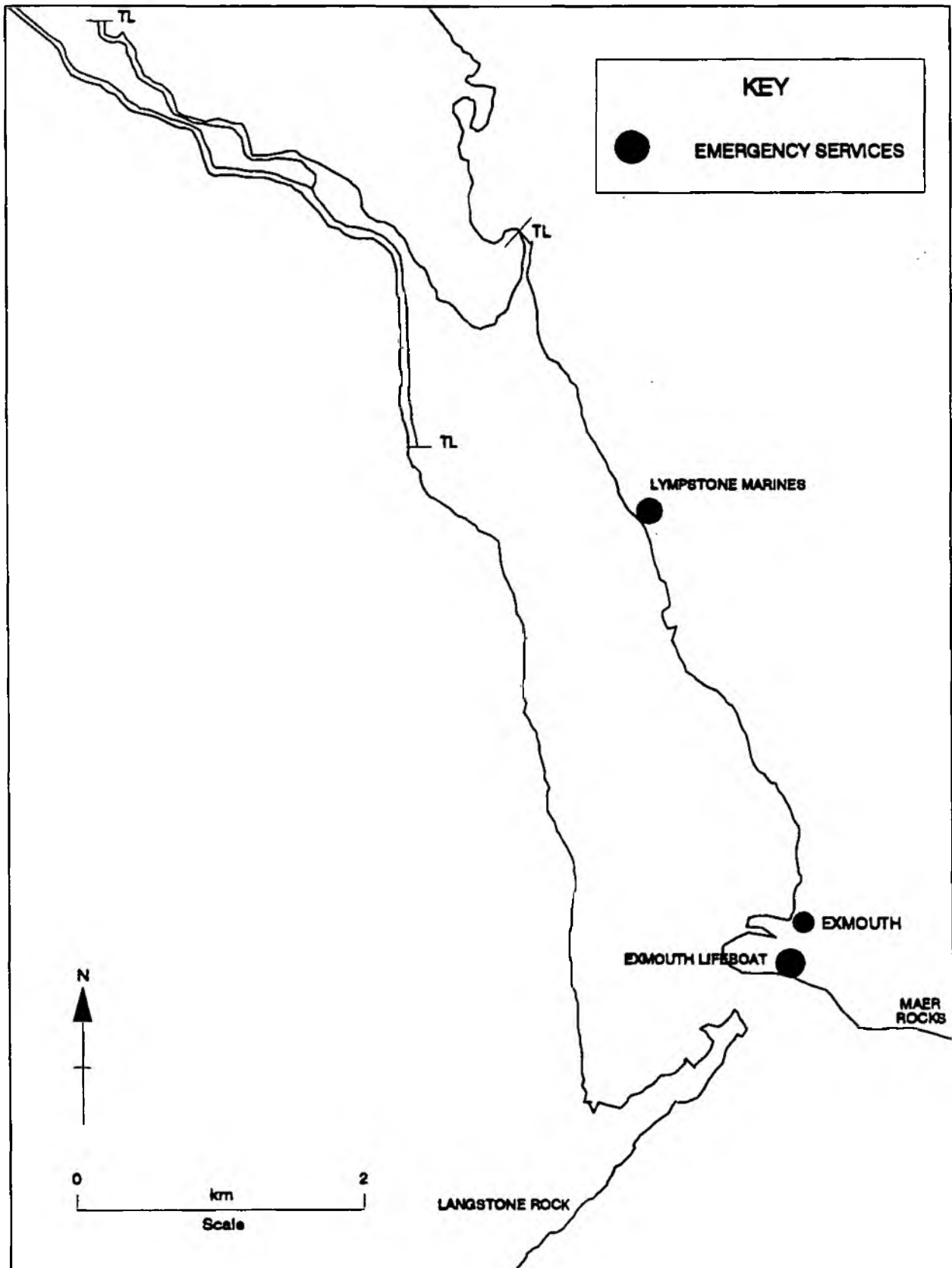
EXE ESTUARY - MAER ROCKS TO LANGSTONE ROCK - BATHING WATERS



**EXE ESTUARY - MAER ROCKS TO LANGSTONE ROCK
INDUSTRY**



**EXE ESTUARY - MAER ROCKS TO LANGSTONE ROCK
EMERGENCY SERVICES**

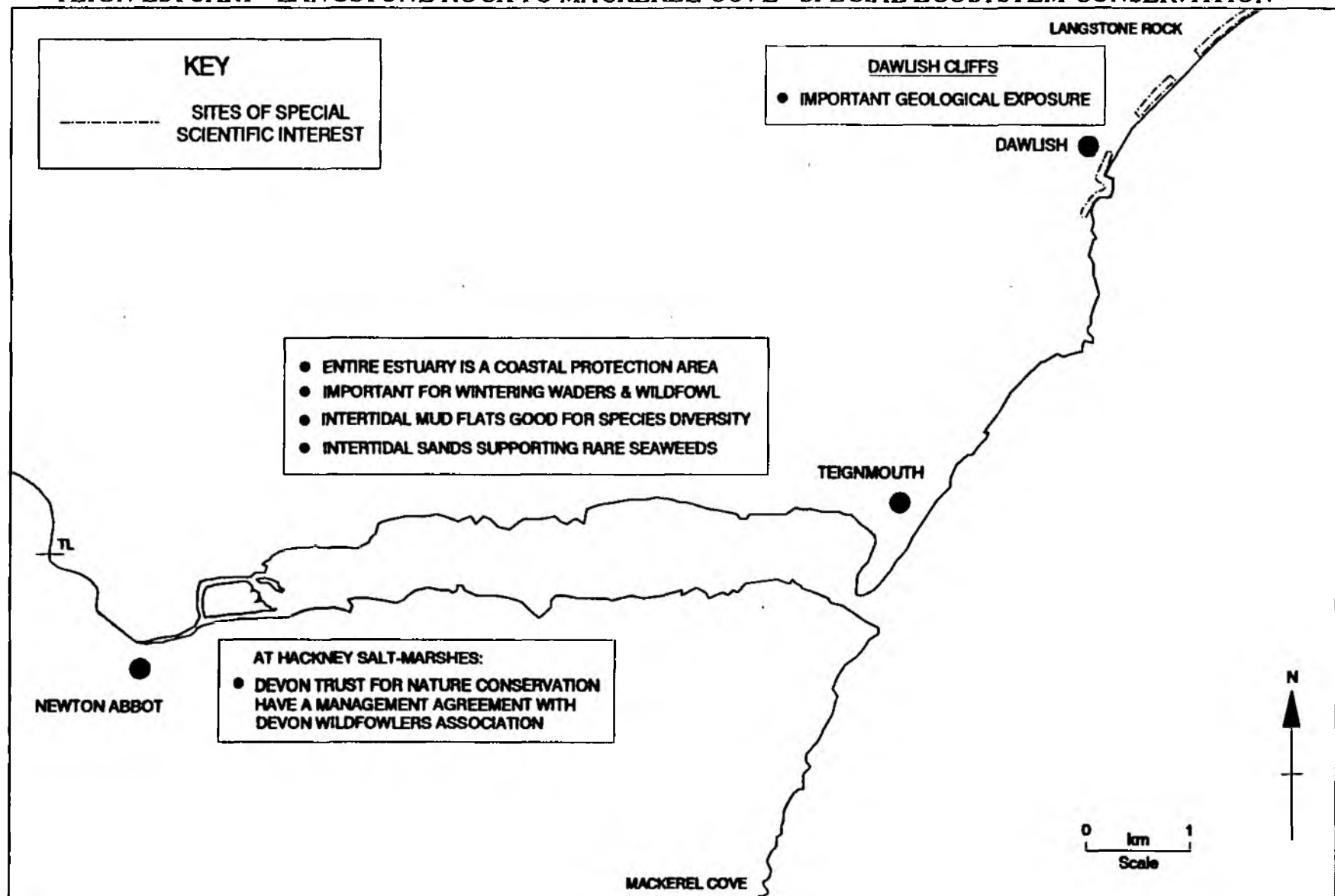


TITLE: NATIONAL RIVERS AUTHORITY - SOUTH WEST REGION
 LAST UPDATE 18.12.92
 VERSION: 2

IDENTIFIED USES OF TIDAL WATERS

		OBJECTIVES					
MAP NO	MAP TITLE	CATCHMENT AREAS & NGR BOUNDARIES	GENERAL ECOSYSTEM	SPECIAL ECOSYSTEM	MIGRATORY FISH	COMMERCIAL FISH	SHELL FISH
7	Teign Estuary (Langstone Rock to Mackerel Cove)	5a = SY 028796 SX 944720 6a = SX 944720 SX 902496	General Features	SSSI Coastal Protection Area Devon Trust for Nature Conservation	Entire area	Bass Nursery Area boundary drawn from a line 000 true from The Ness to the southernmost leading light (see Fish map) Salmon, Sea Trout & Eel Netting Mid-Water Trawling for Mackerel Bottom Netting 2 miles off shore for Plaice, Flounder & Sole Small boat Trawling off Teignmouth Herring & Bass Nets Tangle Nets Sand Eel Seining Angling for Bass & Mackerel Fixed Surface Nets Fishing Harbour at Teignmouth	Mussels Oysters Crab & Whelk Pots

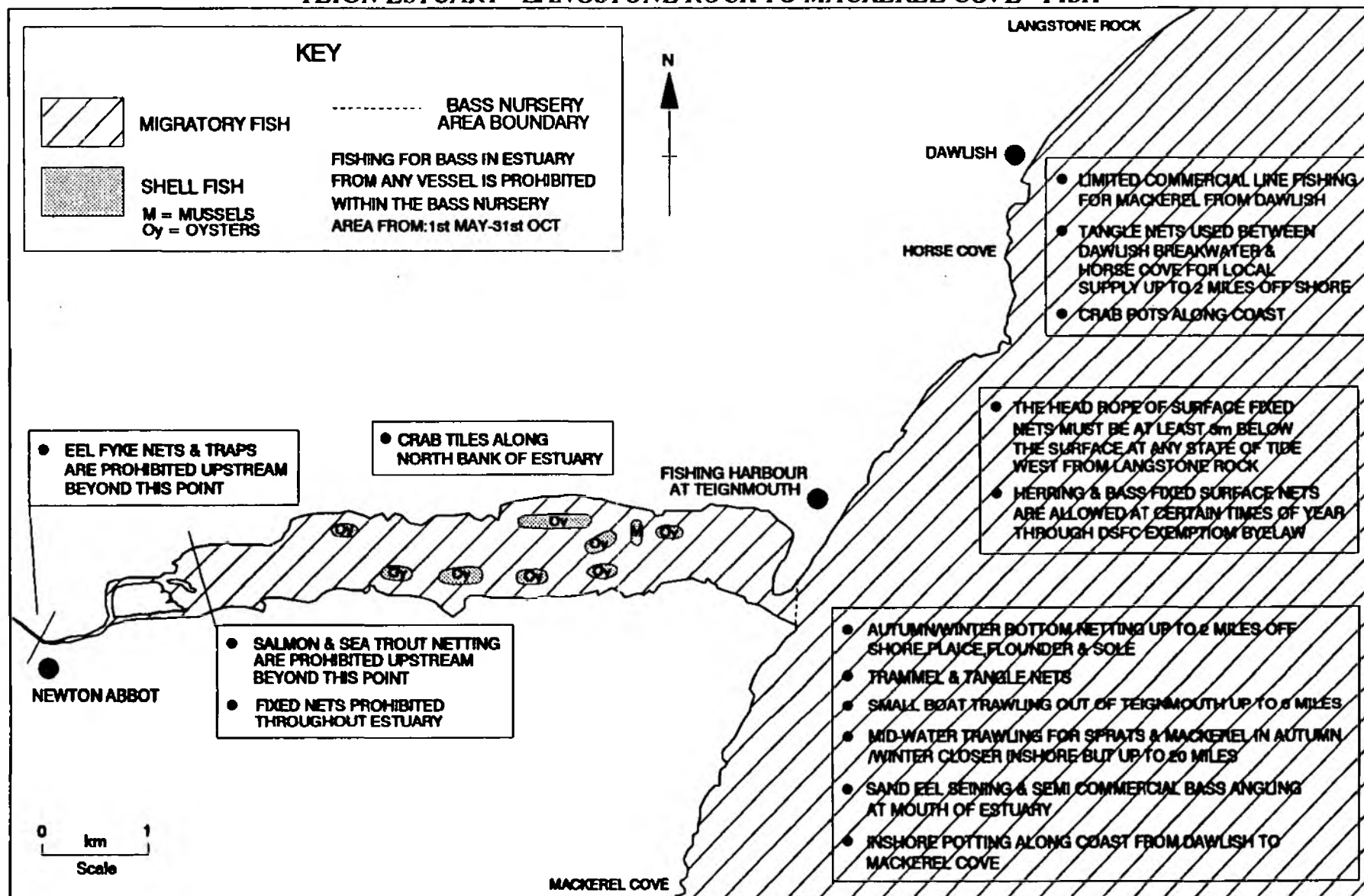
TEIGN ESTUARY - LANGSTONE ROCK TO MACKEREL COVE - SPECIAL ECOSYSTEM CONSERVATION



N.R.A. - SOUTH WEST REGION

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TEIGN ESTUARY - LANGSTONE ROCK TO MACKEREL COVE - FISH

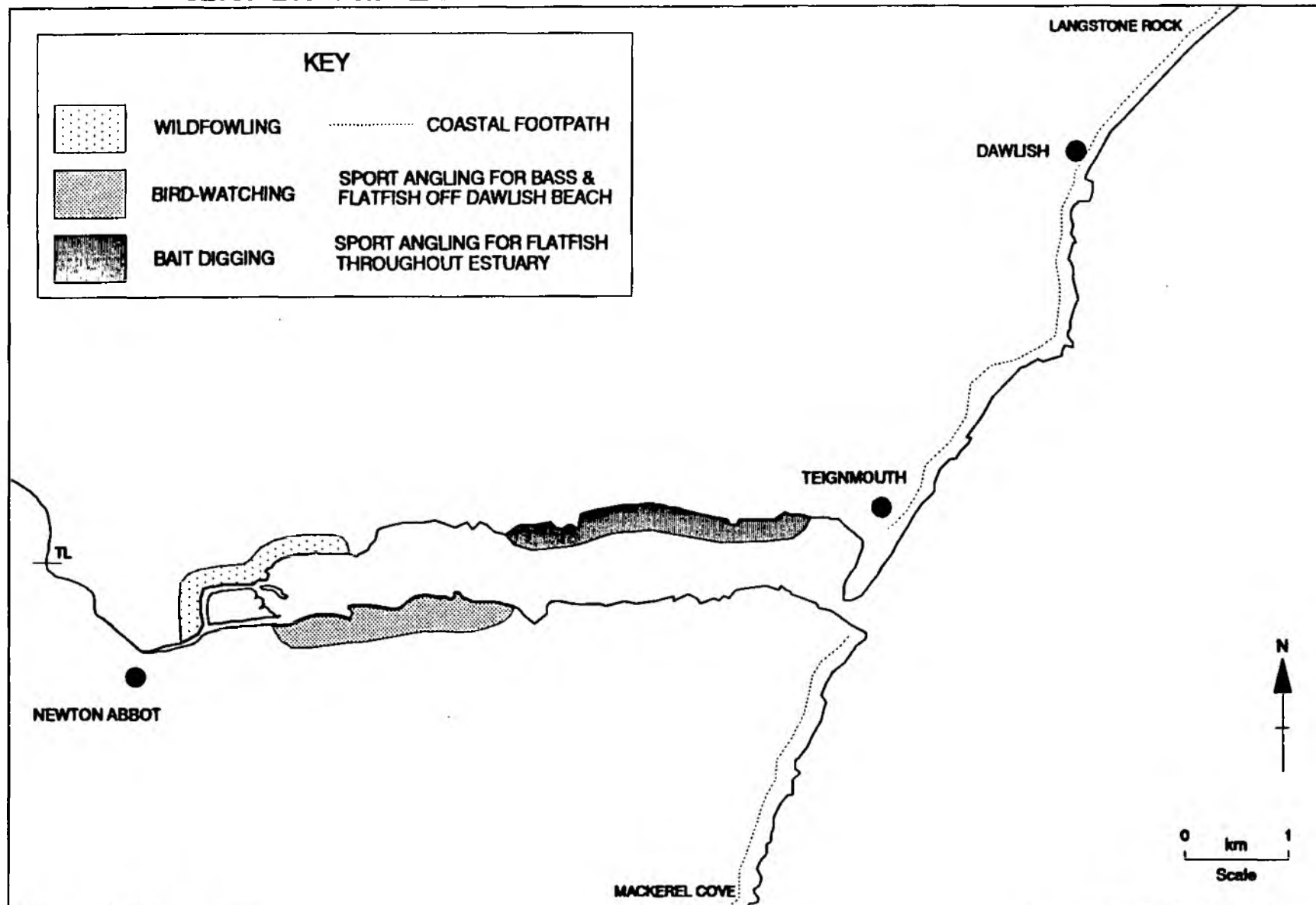


TITLE: NATIONAL RIVERS AUTHORITY - SOUTH WEST REGION
 LAST UPDATE 18.12.92
 VERSION: 2

IDENTIFIED USES OF TIDAL WATERS

		OBJECTIVES							
MAP NO	MAP TITLE	BASIC AMENITIES	WATER CONTACT SPORTS	(1)	BATHING WATERS	(2)	INDUSTRY	EMERGENCY SERVICES	WATER ABSTRACTION
7	Teign Estuary (Langstone Rock to Mackerel Cove)	Wildfowling Bird-Watching Bait Digging Coastal Footpath Sport Angling off Dawlish Beach	Wind Surfing Water Skiing Sailing Canoeing Diving	V V V I	Dawlish Town Beach Coryton Beach Holcombe Beach Teignmouth Town Beach Sheldon Beach Ness Cove Back Beach	ECM ECM ECM ECM ECM	Teignmouth Docks	Coastguard Inshore Boat Rescue	Spray Irrigation for Sports Ground

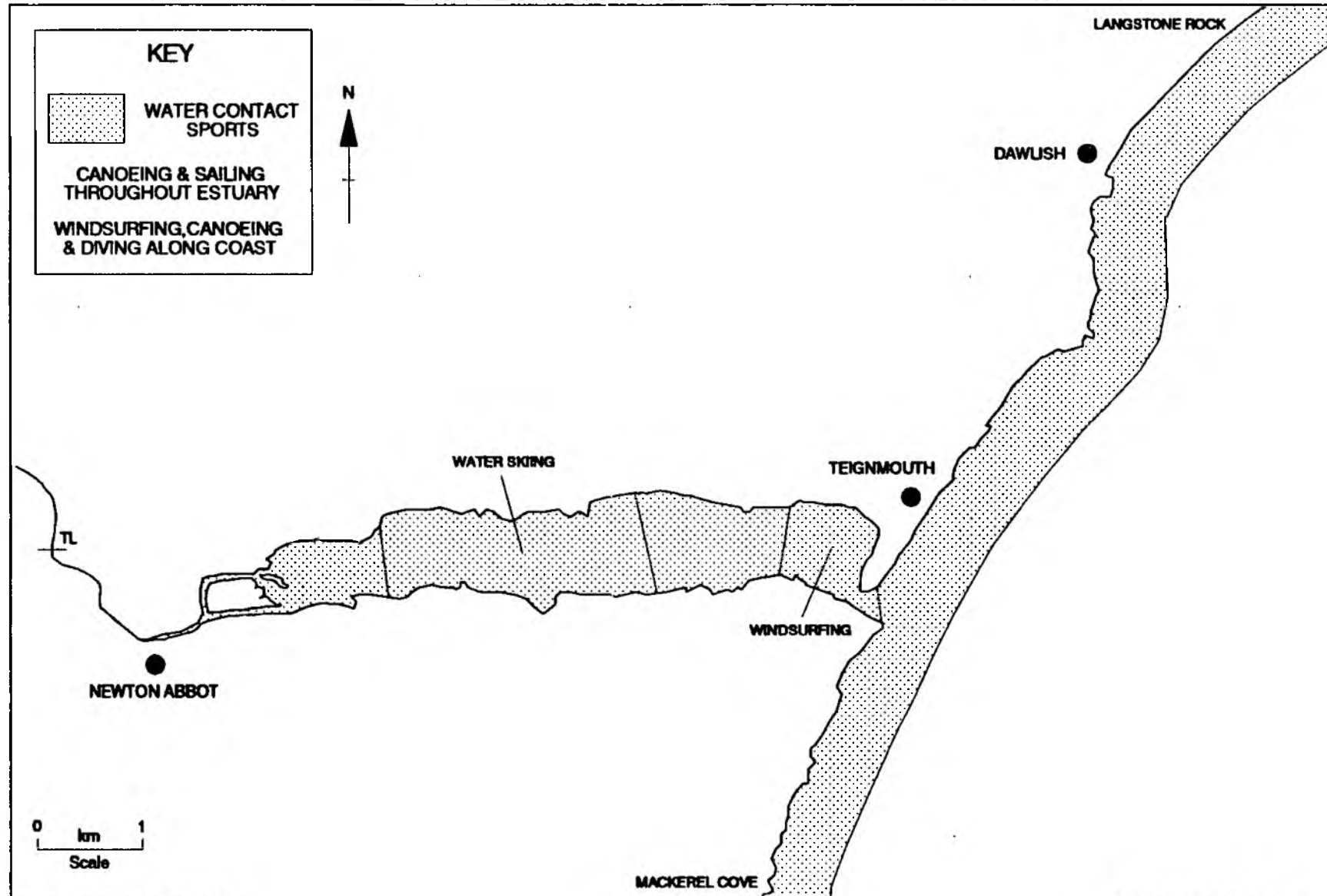
TEIGN ESTUARY - LANGSTONE ROCK TO MACKEREL COVE - BASIC AMENITIES



N.R.A. - SOUTH WEST REGION

VERSION: 2 OCT 1992

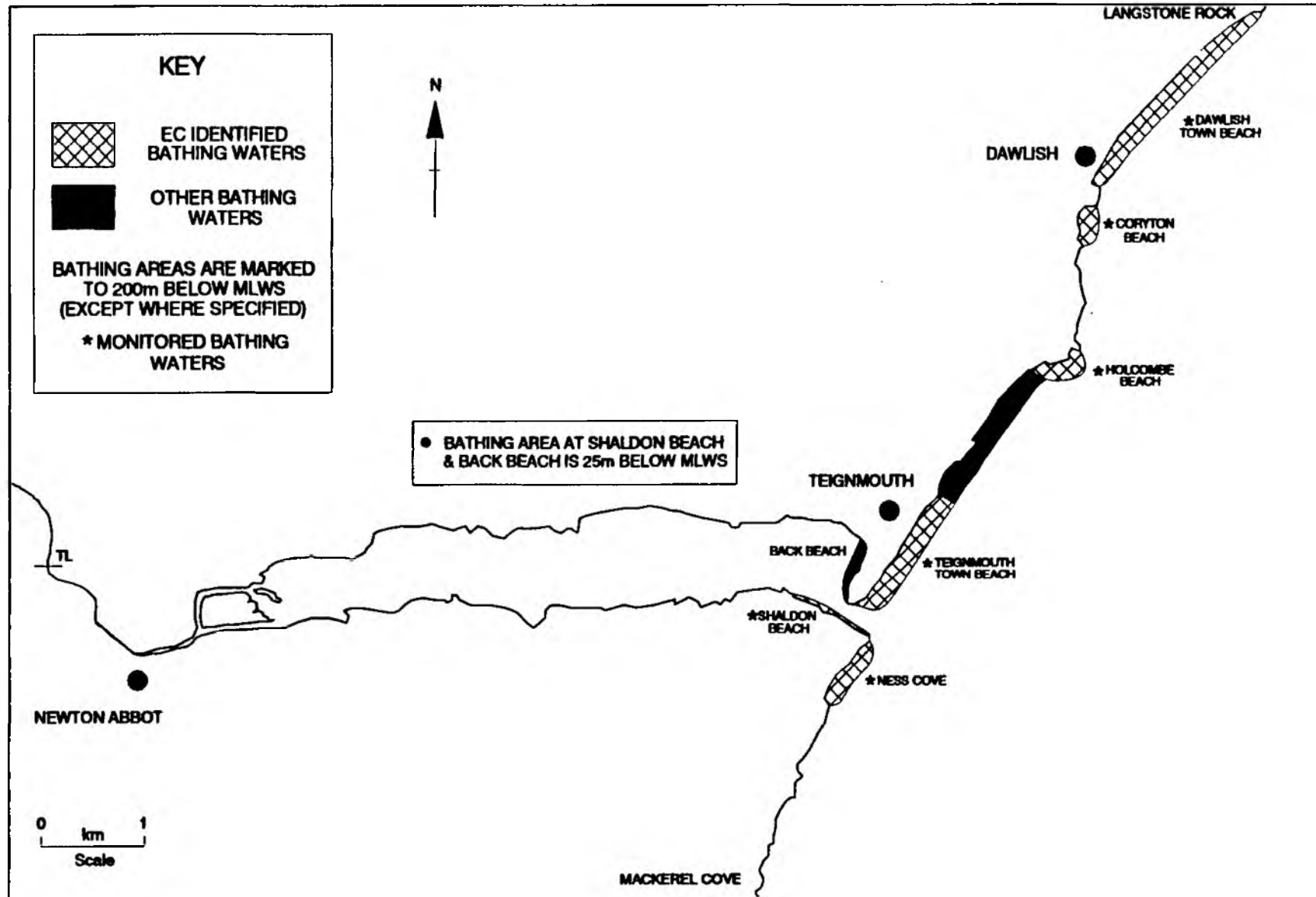
TEIGN ESTUARY - LANGSTONE ROCK TO MACKEREL COVE - WATER CONTACT SPORTS



N.R.A. - SOUTH WEST REGION

VERSION: 2 OCT 1992

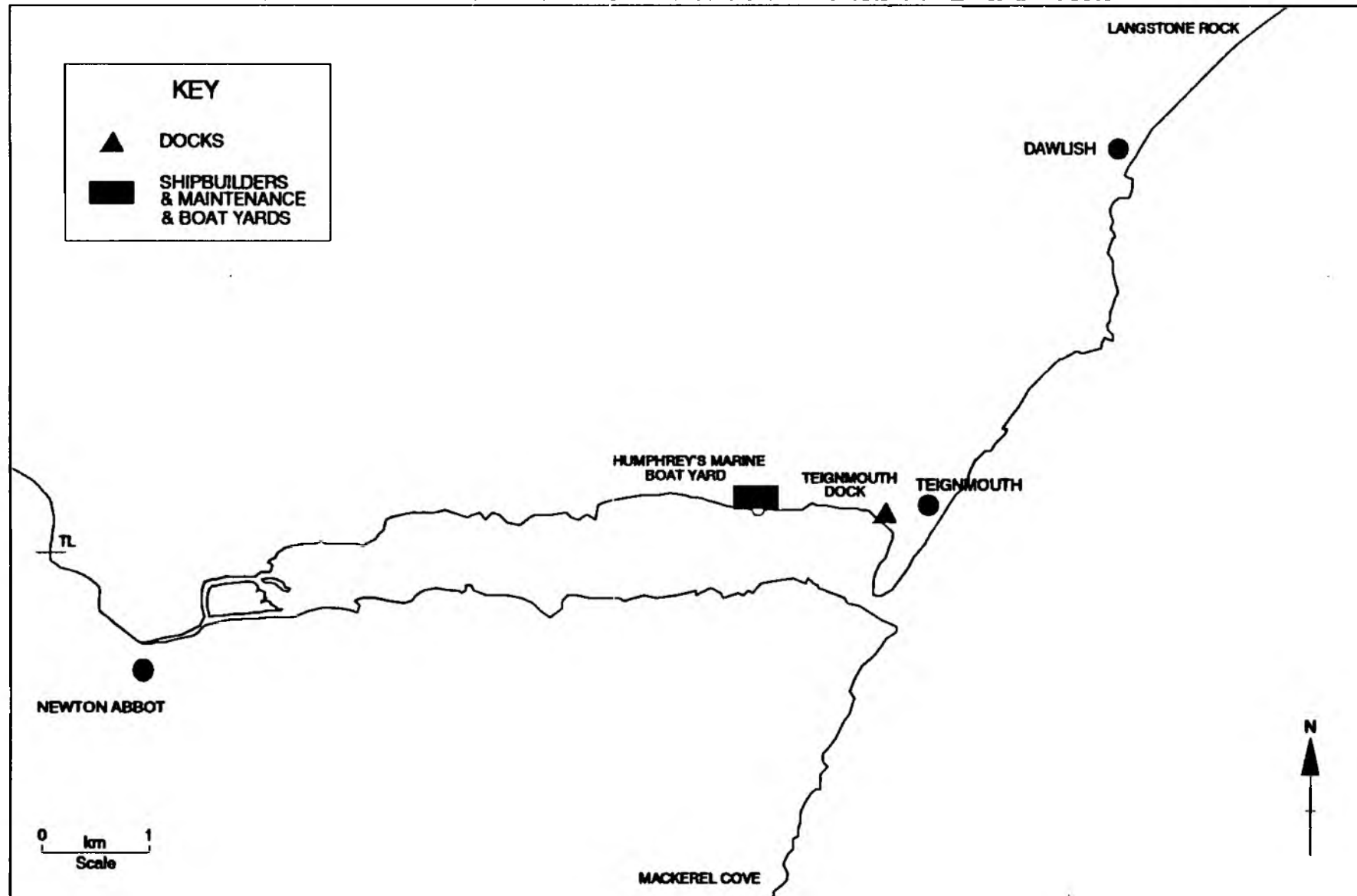
TEIGN ESTUARY - LANGSTONE ROCK TO MACKEREL COVE - BATHING WATERS



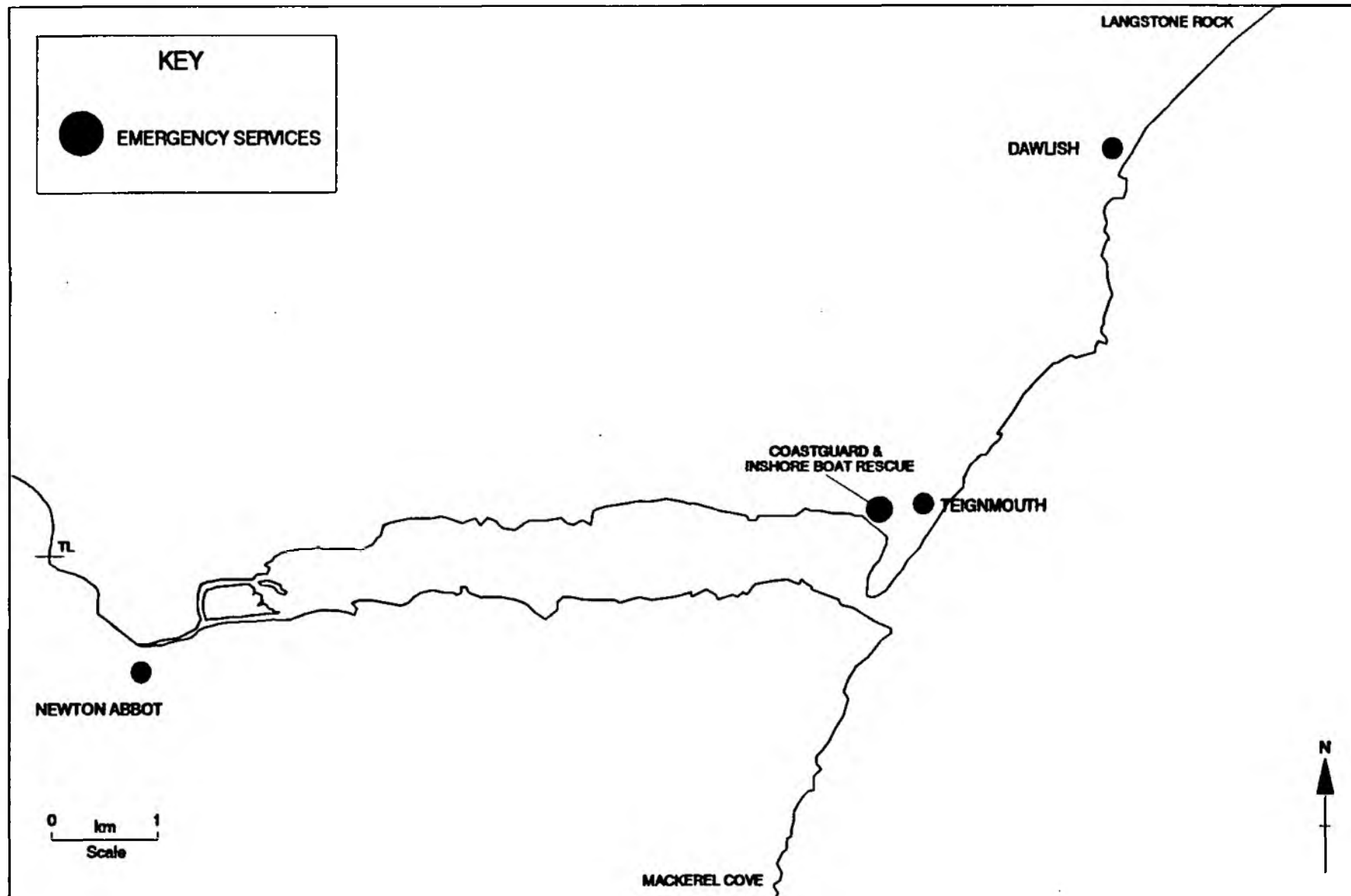
N.R.A. - SOUTH WEST REGION

VERSION: 1 JULY 1992

TEIGN ESTUARY - LANGSTONE ROCK TO MACKEREL COVE - INDUSTRY



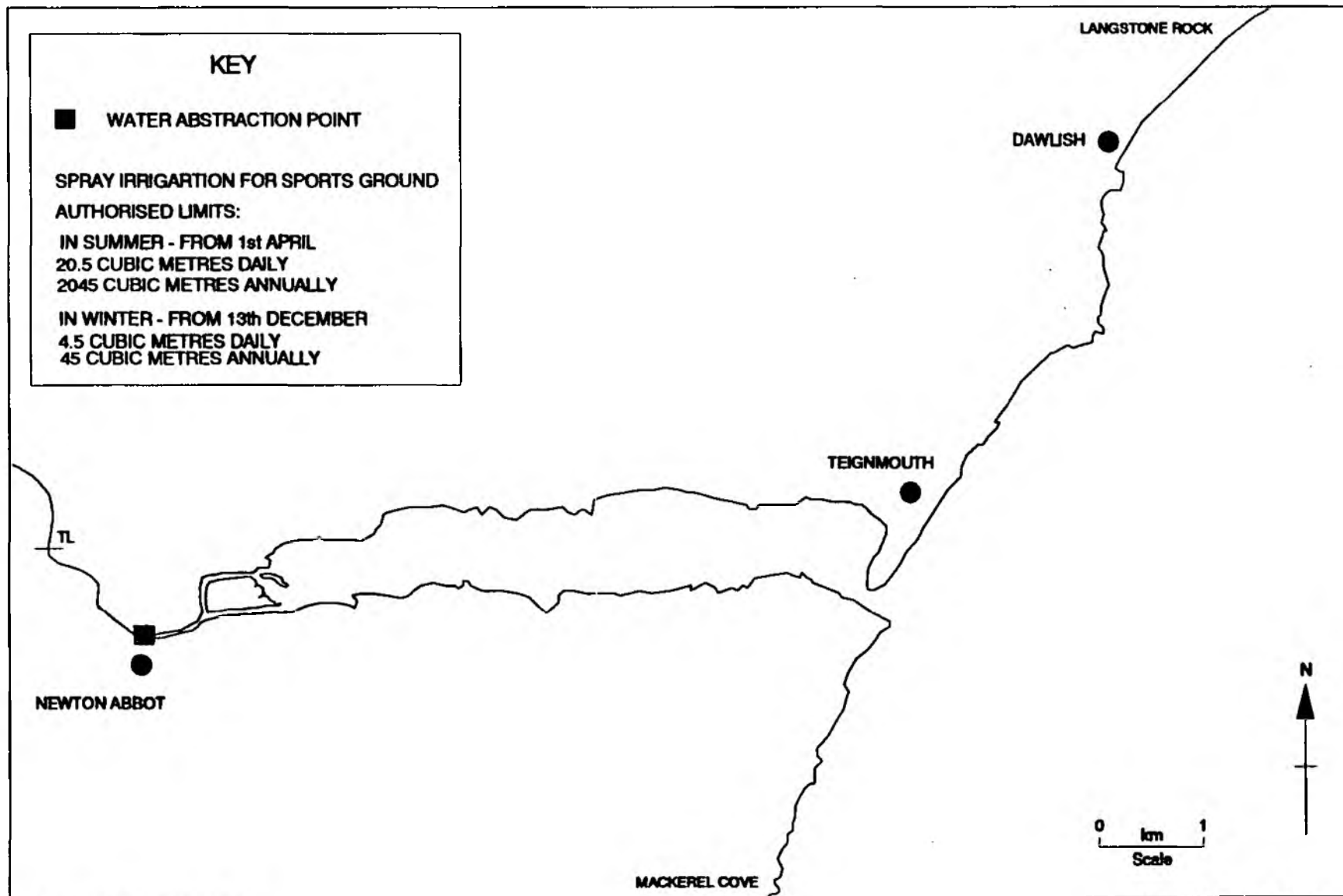
TEIGN ESTUARY - LANGSTONE ROCK TO MACKEREL COVE - EMERGENCY SERVICES



N.R.A. - SOUTH WEST REGION

VERSION: 2 OCT 1992

TEIGN ESTUARY - LANGSTONE ROCK TO MACKEREL COVE - WATER ABSTRACTION



N.R.A. - SOUTH WEST REGION

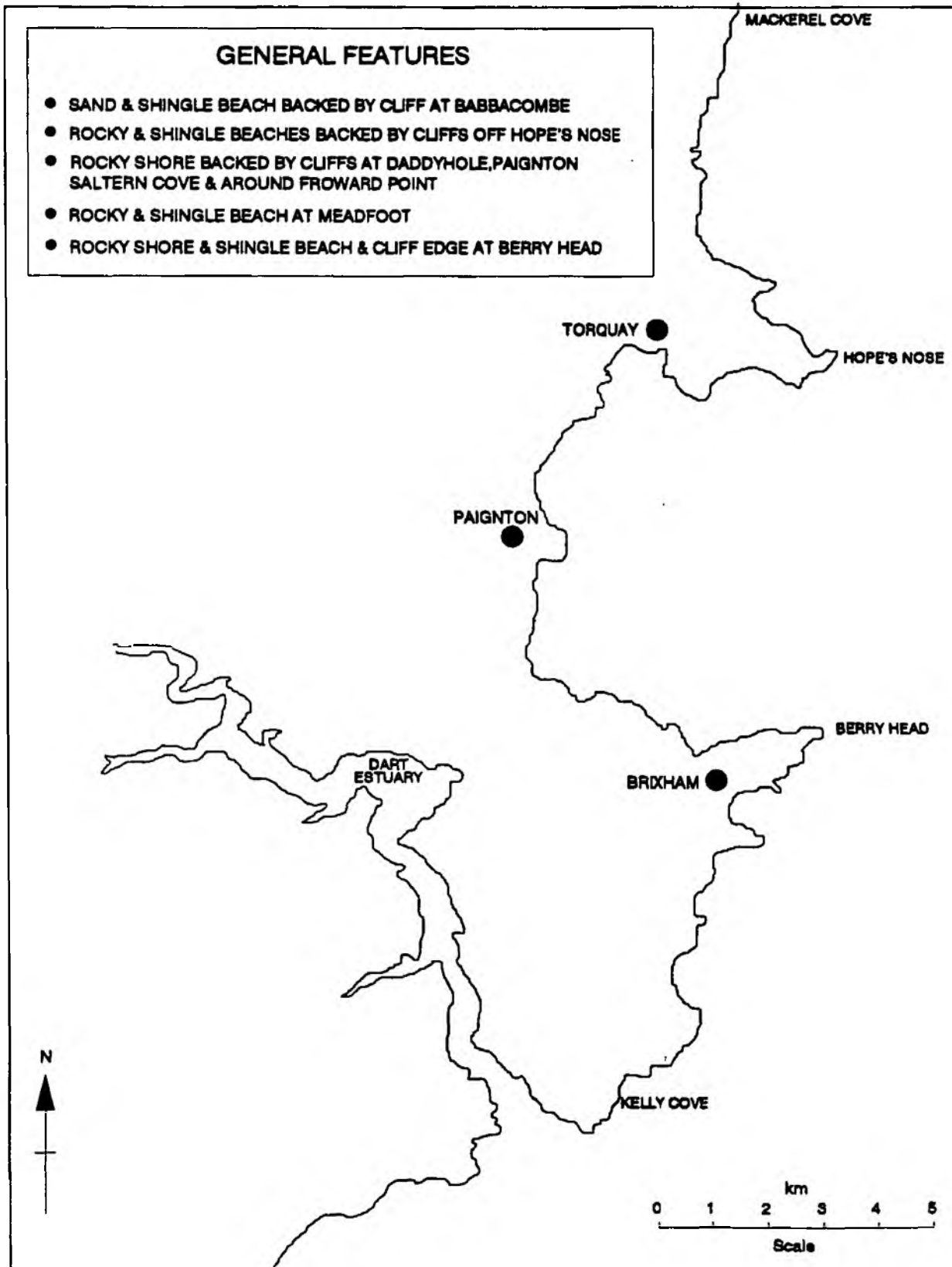
VERSION: 1 OCT 1992

TITLE: NATIONAL RIVERS AUTHORITY - SOUTH WEST REGION
 LAST UPDATE 16.12.92
 VERSION: 2

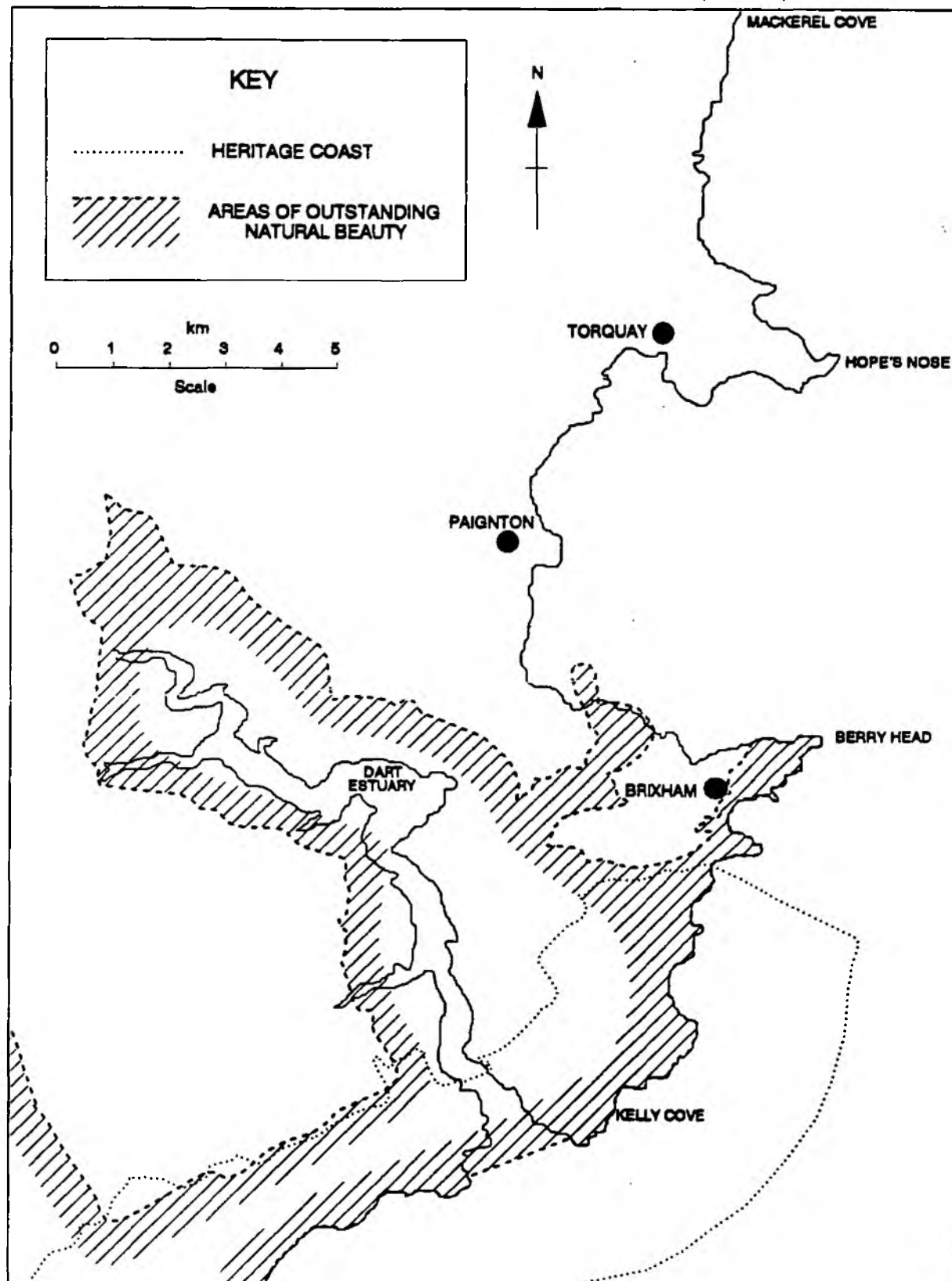
IDENTIFIED USES OF TIDAL WATERS

		OBJECTIVES					
MAP NO	MAP TITLE	CATCHMENT AREAS & NGR BOUNDARIES	GENERAL ECOSYSTEM	SPECIAL ECOSYSTEM	MIGRATORY FISH	COMMERCIAL FISH	SHELL FISH
8	Mackerel Cove to Kelly Cove	6a = SX 944720 SX 902496 7a = SX 902496 SX 888495	General Features	Heritage Coast AONB SSSI LNR Devon Wildlife Trust Reserve	Entire area	Bottom Netting for Flounder, Sole & Plaice Small Boat Trawling Mid-Water Trawling for Sprats & Mackerel up to 20 Miles out Trammel & Tangle Nets Herring, Bass & Mullet Netting Fishing Harbour at Brixham Small Fishing Harbour at Paignton Fixed Surface Nets	Inshore Potting Prawns

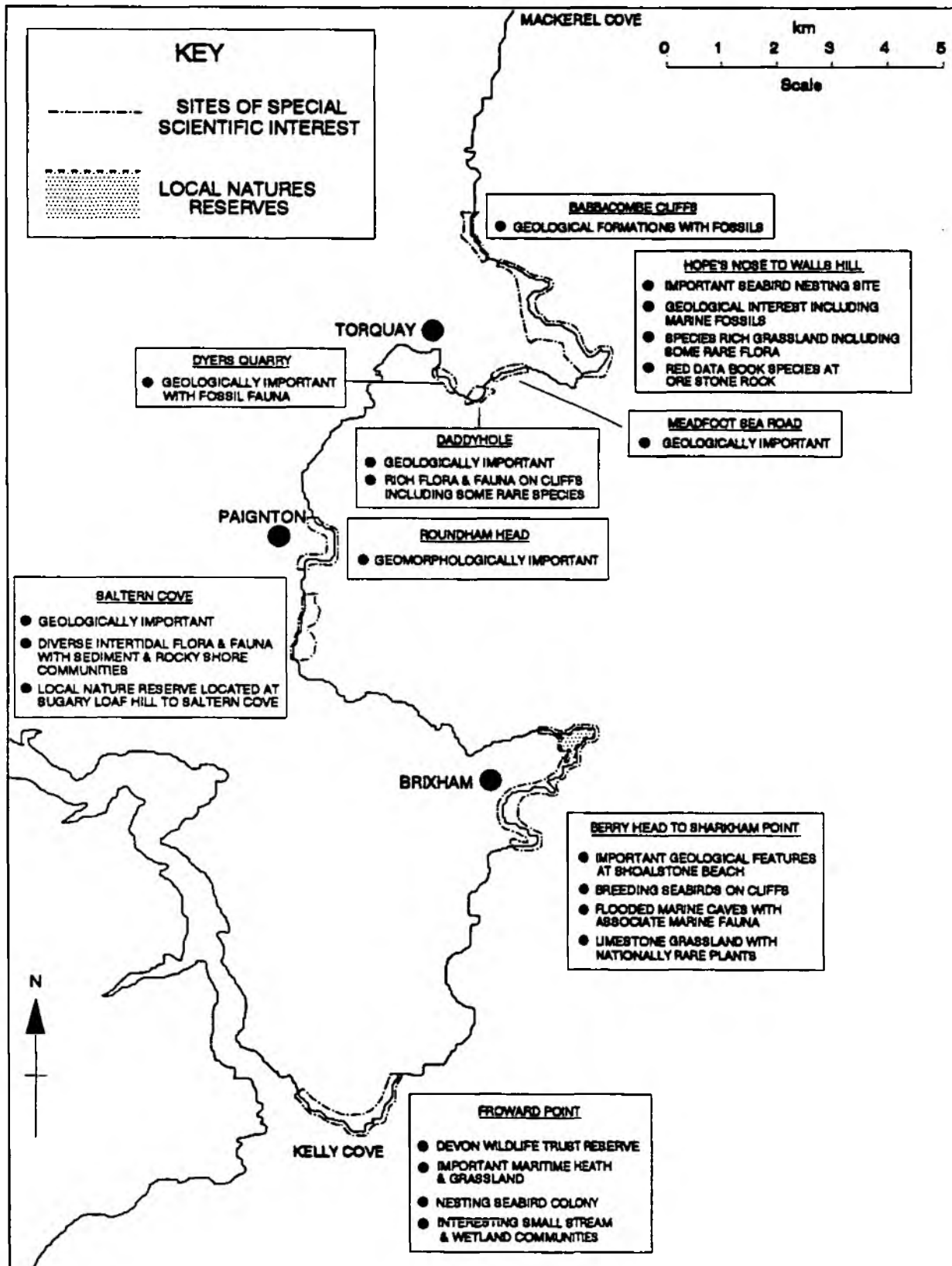
***MACKEREL COVE TO KELLY COVE
GENERAL ECOSYSTEM CONSERVATION***



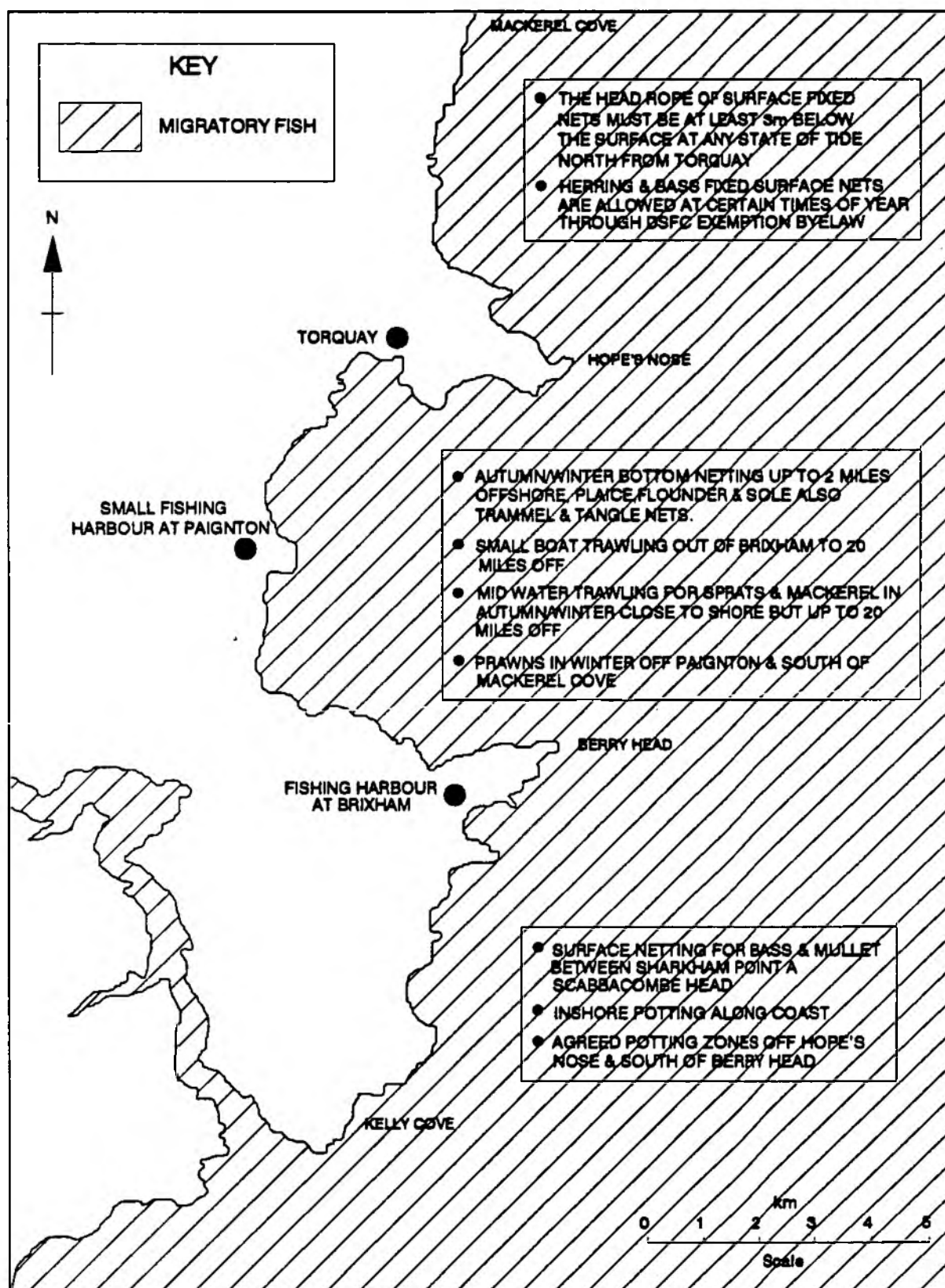
**MACKEREL COVE TO KELLY COVE
SPECIAL ECOSYSTEM CONSERVATION (MAP 1)**



MACKEREL COVE TO KELLY COVE SPECIAL ECOSYSTEM CONSERVATION (MAP 2)



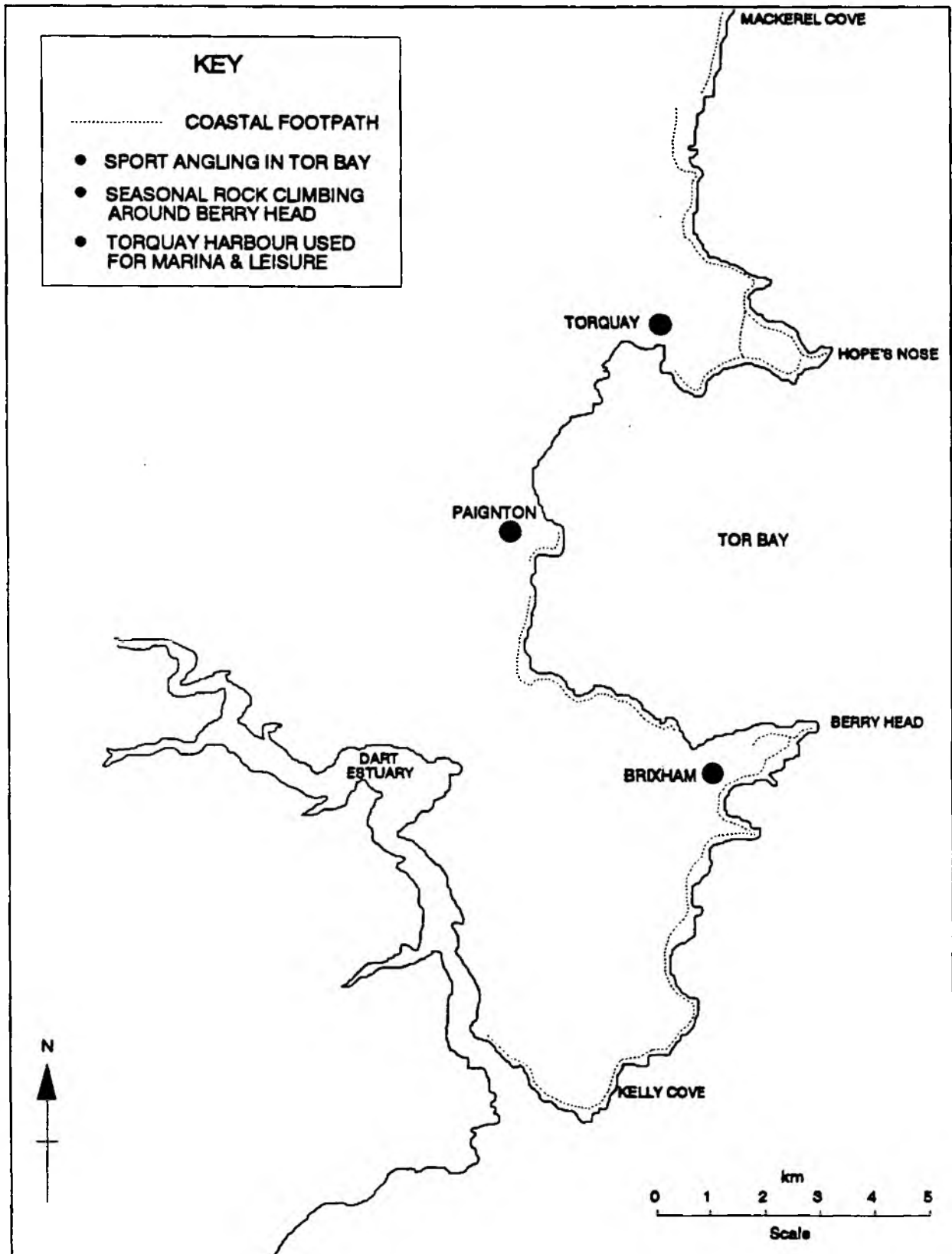
MACKEREL COVE TO KELLY COVE - FISH



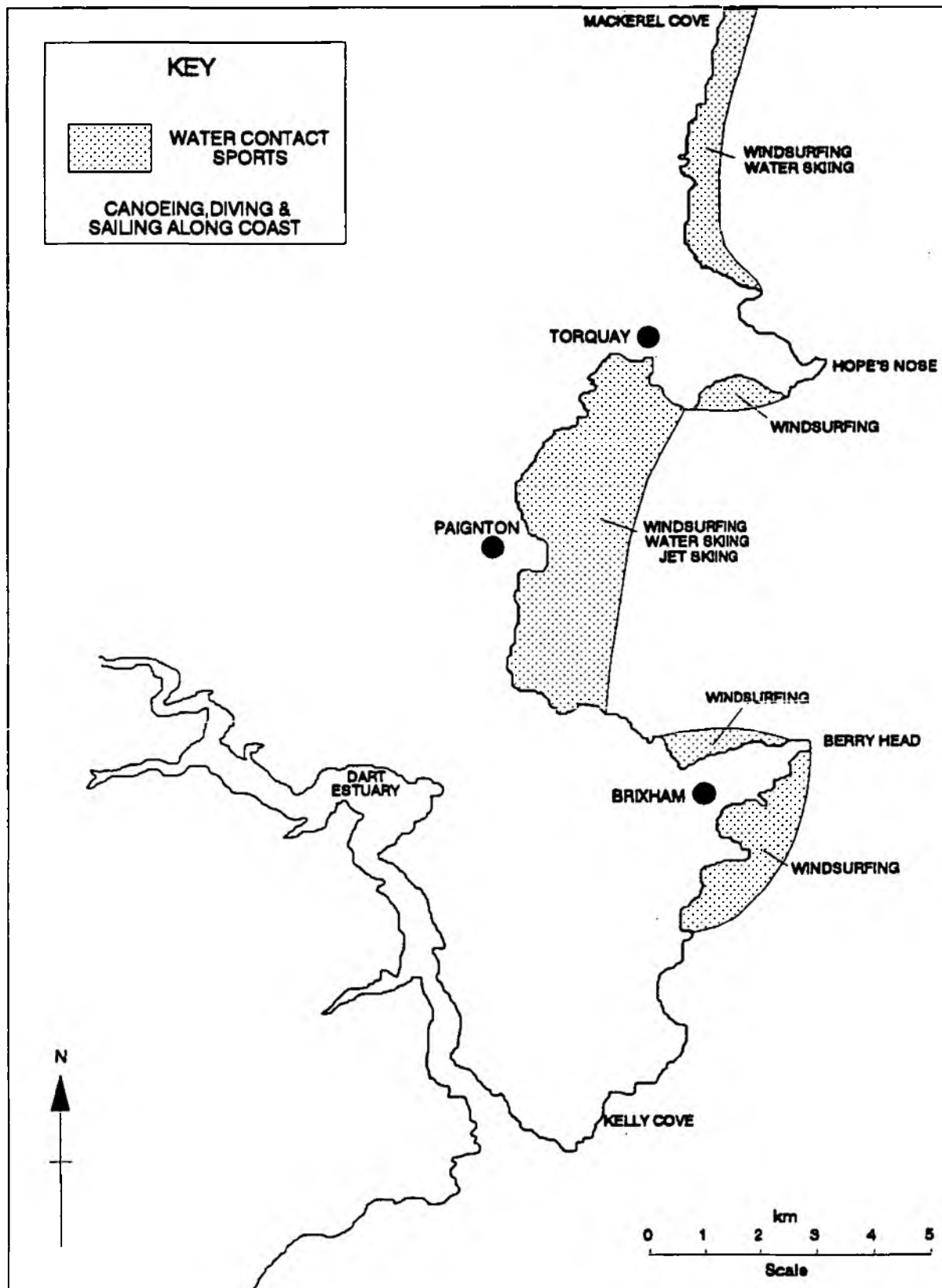
IDENTIFIED USES OF TIDAL WATERS

		OBJECTIVES						
MAP NO	MAP TITLE	BASIC AMENITIES	WATER CONTACT SPORTS	(1)	BATHING WATERS	(2)	INDUSTRY	EMERGENCY SERVICES
8	Mackerel Cove to Kelly Cove	Coastal Footpath Sport Angling in Tor Bay Seasonal Rock Climbing Torquay Harbour used for Marina & Leisure	Windsurfing Water Skiing Sailing Canoeing Diving Jet Skiing	V V V V 	Maidencombe Beach Watcombe Beach Oddicombe Beach Babbacombe Beach Redgate Beach Meadfoot Beach Beacon Cove Beach Torre Abbey Beach Livermead Sands Hollicombe Beach Preston Sands Paignton Sands Goodrington Sands Saltern Cove Broadsands Beach Elberry Cove Churston Cove St.Mary's Beach Shoalstone Beach Man Sands Long Sands Scabbacombe Sands Shoalstone Beach(Breakwater)	ECM ECM ECM ECM ECM ECM ECM ECM M ECM ECM ECM ECM ECM ECM M M M ECM M M M ECM		

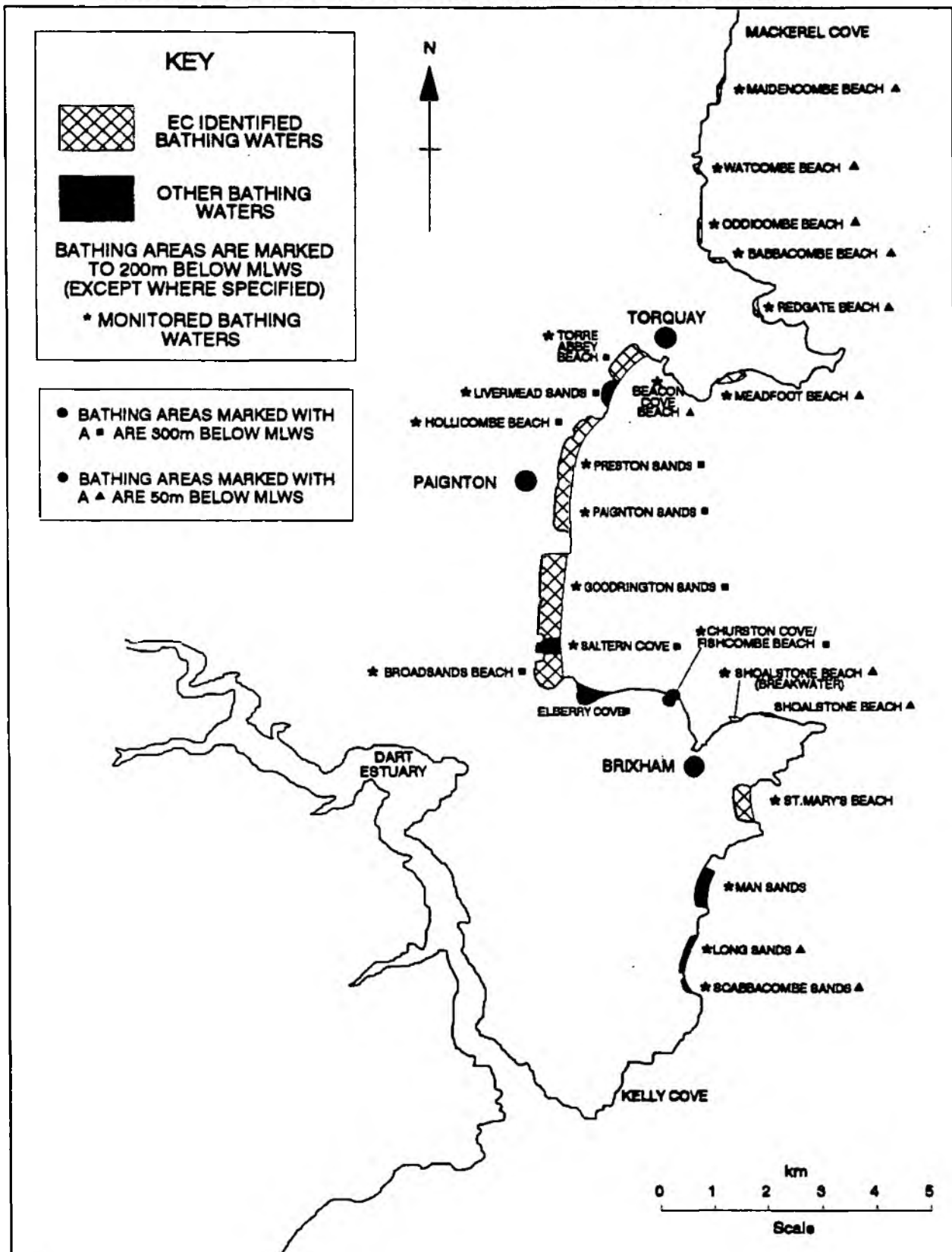
MACKEREL COVE TO KELLY COVE - BASIC AMENITIES



MACKEREL COVE TO KELLY COVE - WATER CONTACT SPORTS



MACKEREL COVE TO KELLY COVE - BATHING WATERS

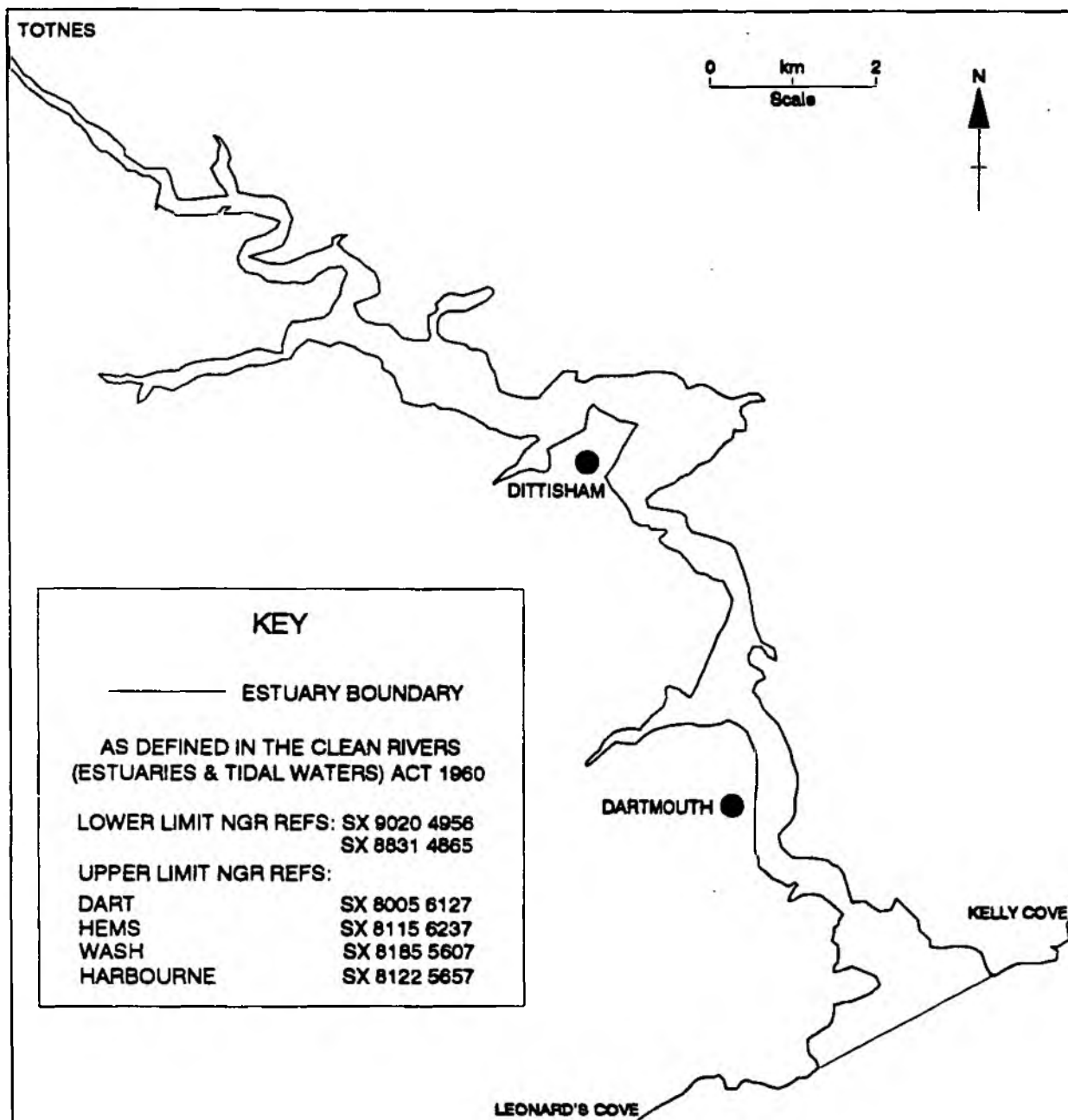


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 VERSION: 2

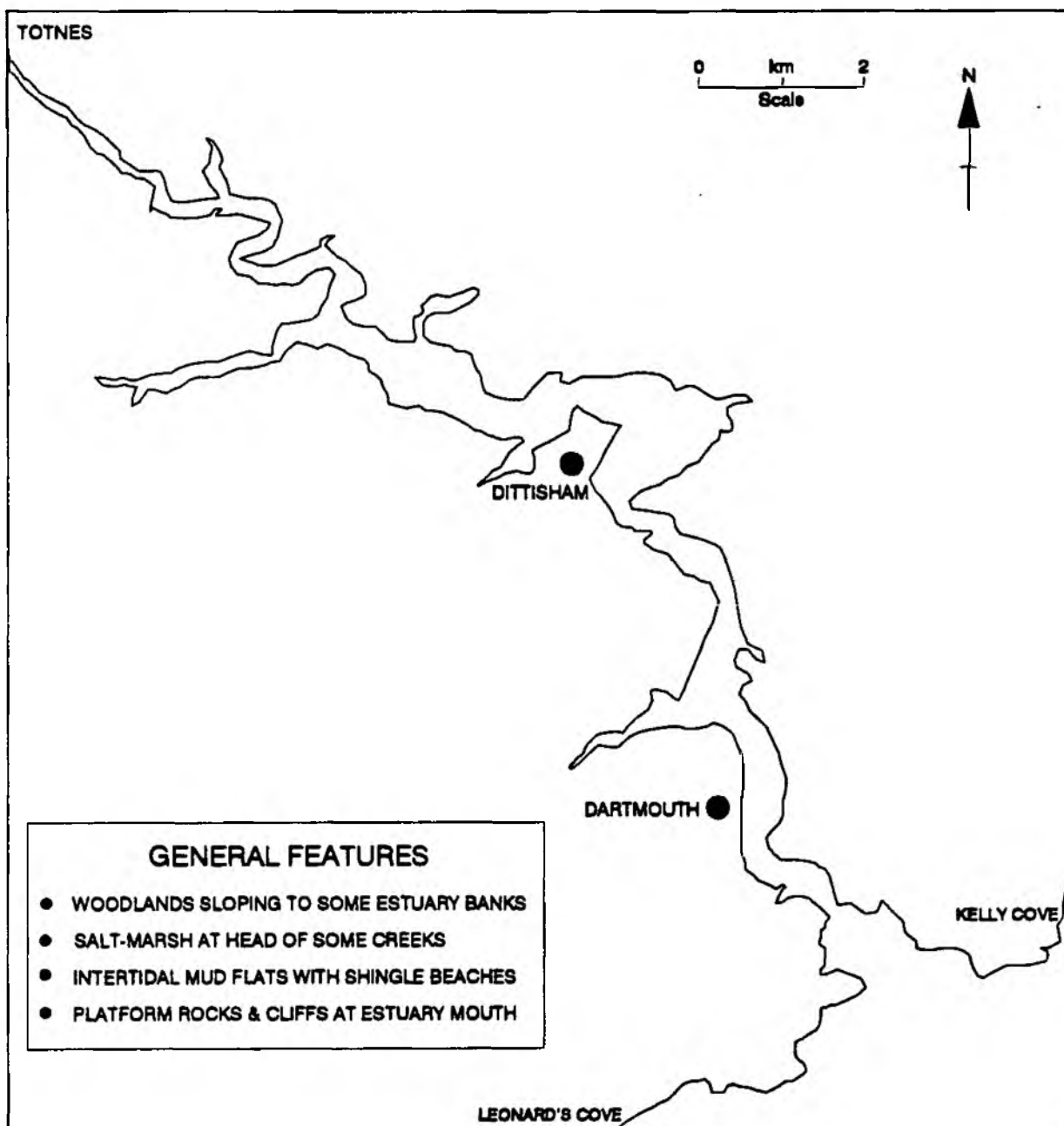
IDENTIFIED USES OF TIDAL WATERS

		OBJECTIVES					
MAP NO	MAP TITLE	CATCHMENT AREAS & NGR BOUNDARIES	GENERAL ECOSYSTEM	SPECIAL ECOSYSTEM	MIGRATORY FISH	COMMERCIAL FISH	SHELL FISH
9	Dart Estuary (Kelly Cove to Leonard's Cove)	7a = SX 902496 SX 888495 8a = SX 888495 SX 621458	General Features	Heritage Coast AONB SSSI Marine Conservation Site	Entire area	Bass Nursery Area boundary from Combe Point to Inner Froward Point Salmon, Sea Trout, Eels, Herring & Bass Fishing Harbours at Kingswear & Dartmouth Fixed Surface Nets	Oysters Cockles Crab Pots Stone Pots Inshore Potting

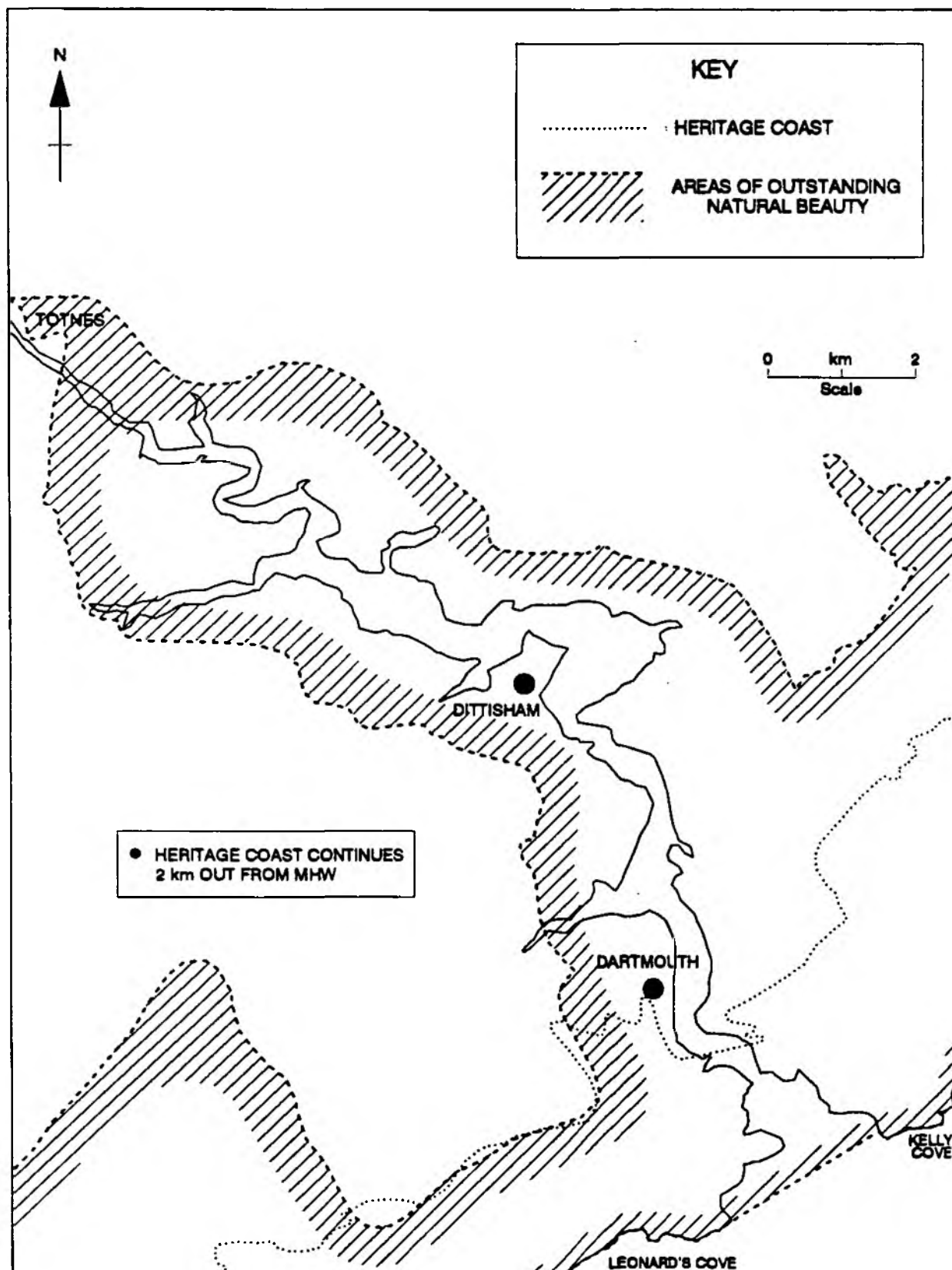
***DART ESTUARY - KELLY COVE TO LEONARD'S COVE
ESTUARY BOUNDARY***



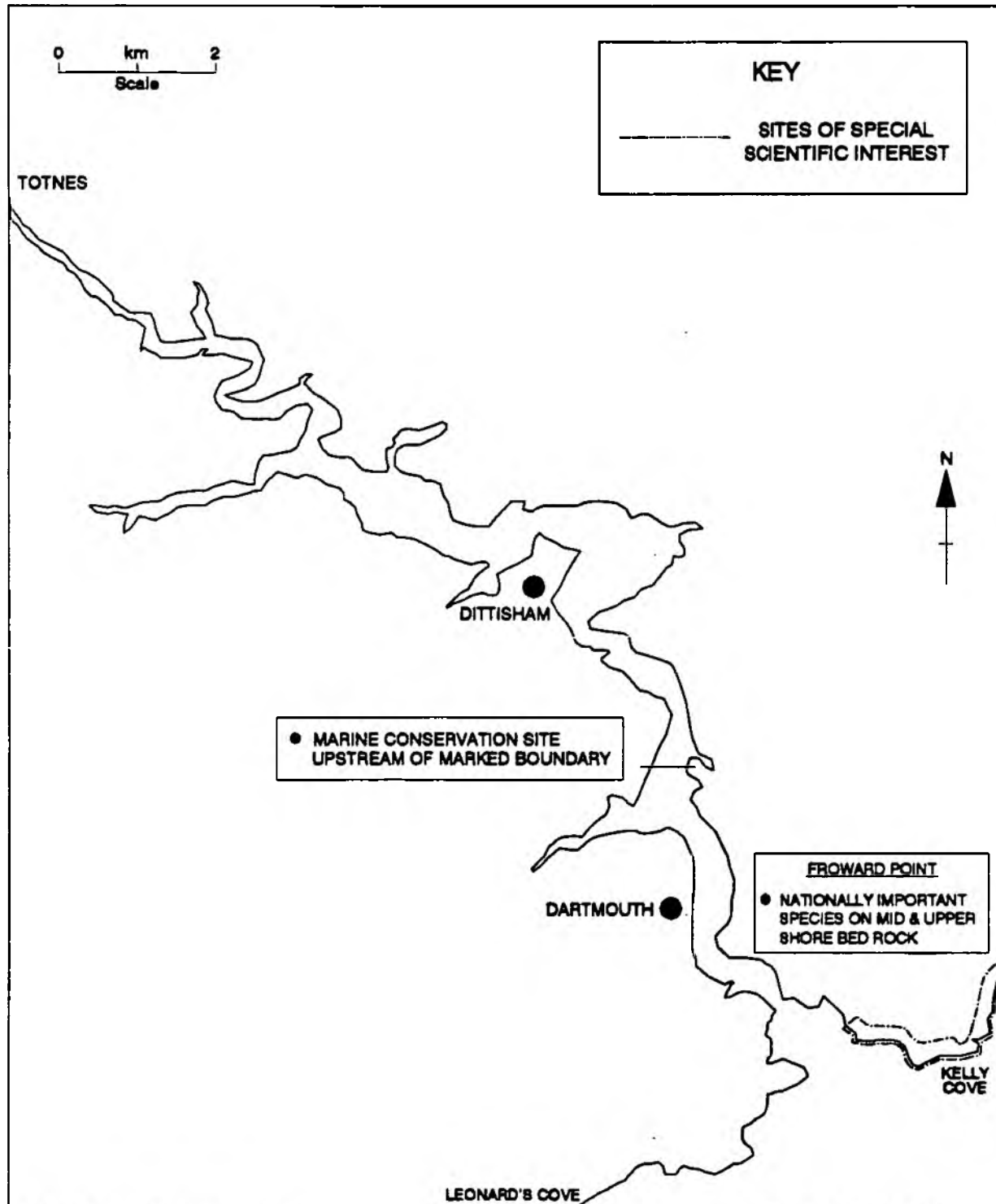
**DART ESTUARY - KELLY COVE TO LEONARD'S COVE
GENERAL ECOSYSTEM CONSERVATION**



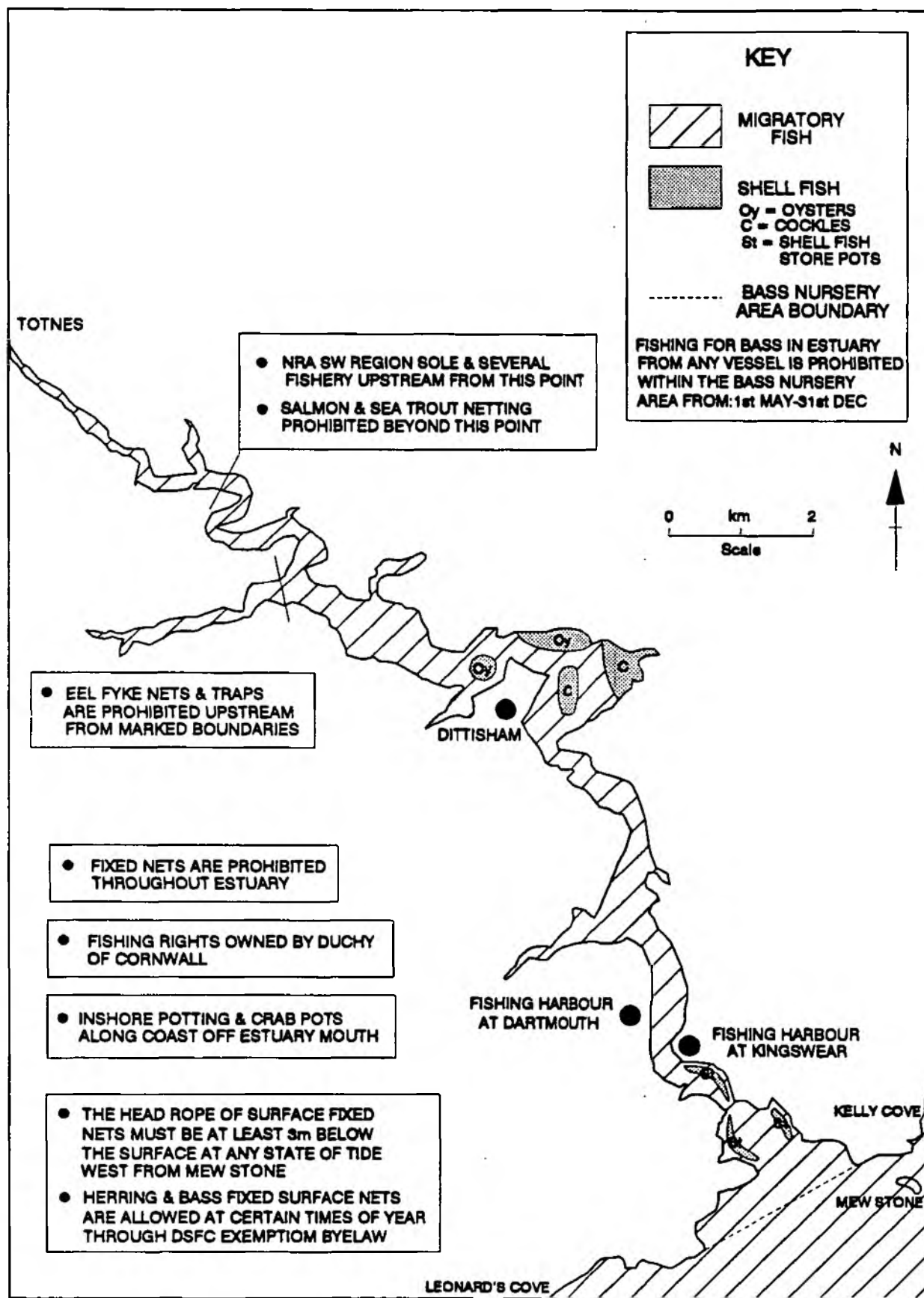
**DART ESTUARY - KELLY COVE TO LEONARD'S COVE
SPECIAL ECOSYSTEM CONSERVATION (MAP 1)**



**DART ESTUARY - KELLY COVE TO LEONARD'S COVE
SPECIAL ECOSYSTEM CONSERVATION (MAP 2)**



DART ESTUARY - KELLY COVE TO LEONARD'S COVE - FISH

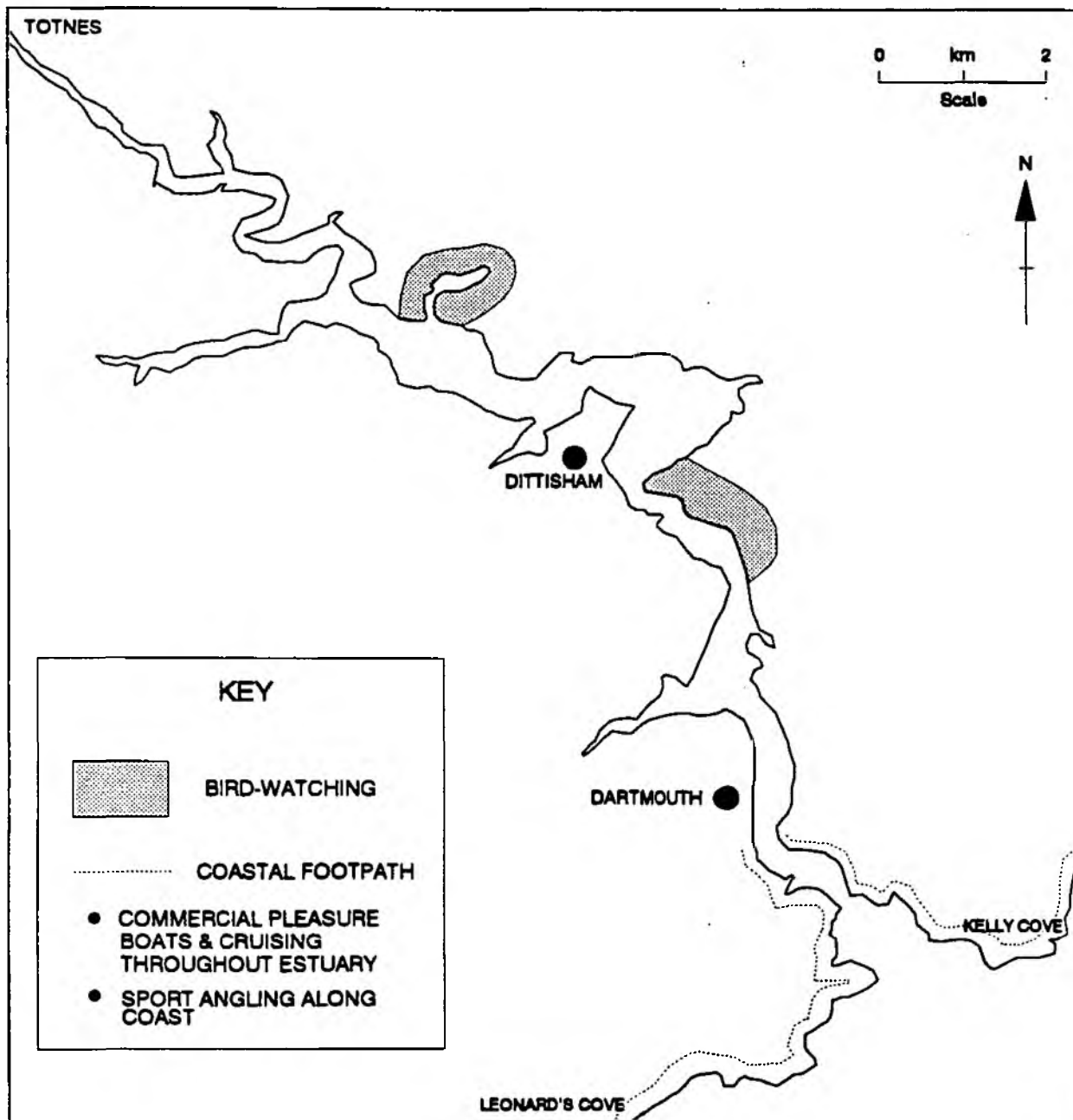


TITLE: NATIONAL RIVERS AUTHORITY - SOUTH WEST REGION
 LAST UPDATE 16.12.92
 VERSION: 2

IDENTIFIED USES OF TIDAL WATERS

		OBJECTIVES						
MAP NO	MAP TITLE	BASIC AMENITIES	WATER CONTACT SPORTS	(1)	BATHING WATERS	(2)	INDUSTRY	EMERGENCY SERVICES
9	Dart Estuary (Kelly Cove to Leonard's Cove)	Bird-Watching Cruising Coastal Footpath Commercial Pleasure Boats Sport Angling	Windsurfing Water Skiing Sailing Diving Rowing Canoeing	V I V V	Dartmouth Castle & Sugary Cove Beach Leonard's Cove Compass Cove	ECM ECM M	Shipbuilding & Maintenance	

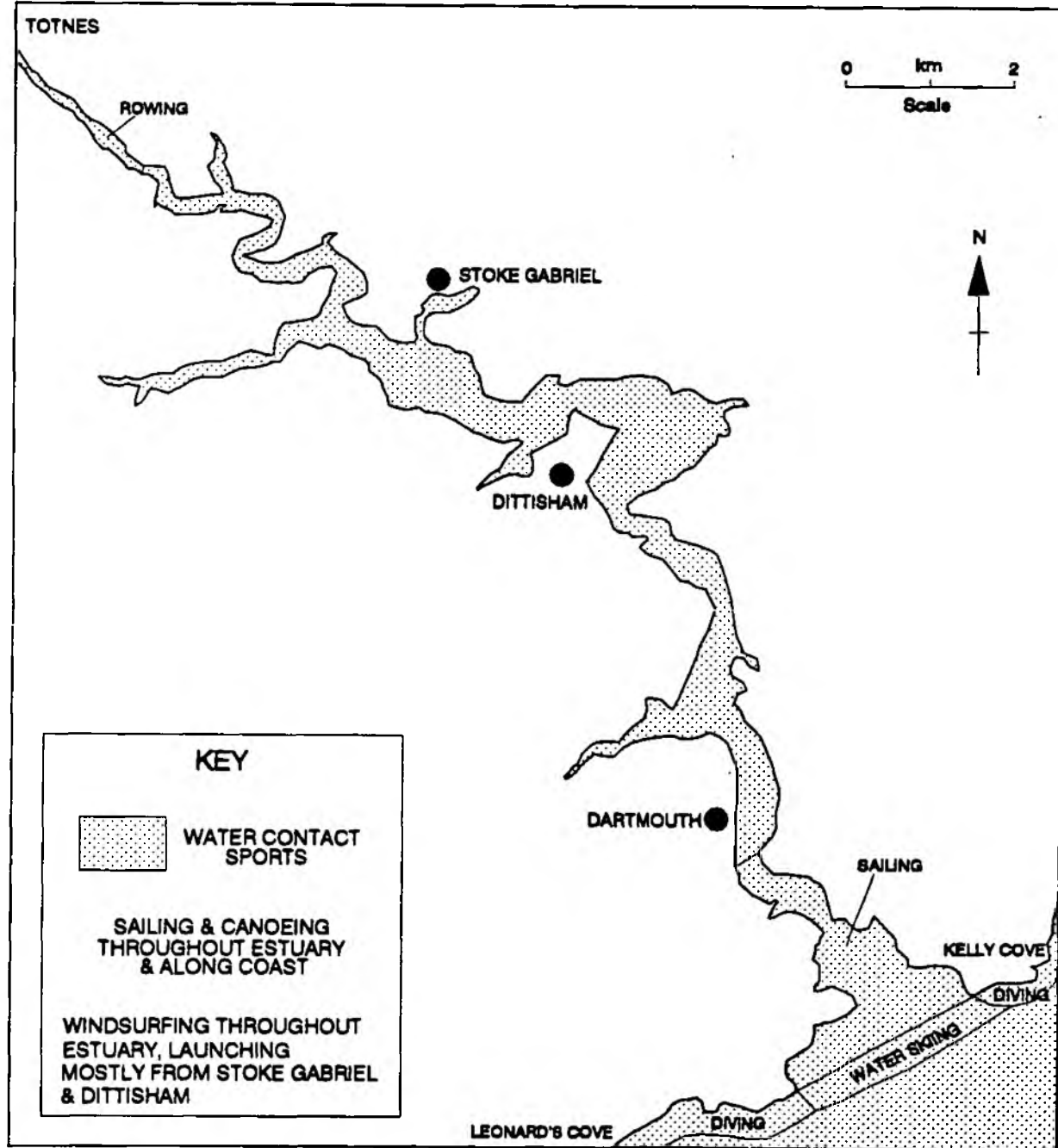
DART ESTUARY - KELLY COVE TO LEONARD'S COVE - BASIC AMENITIES



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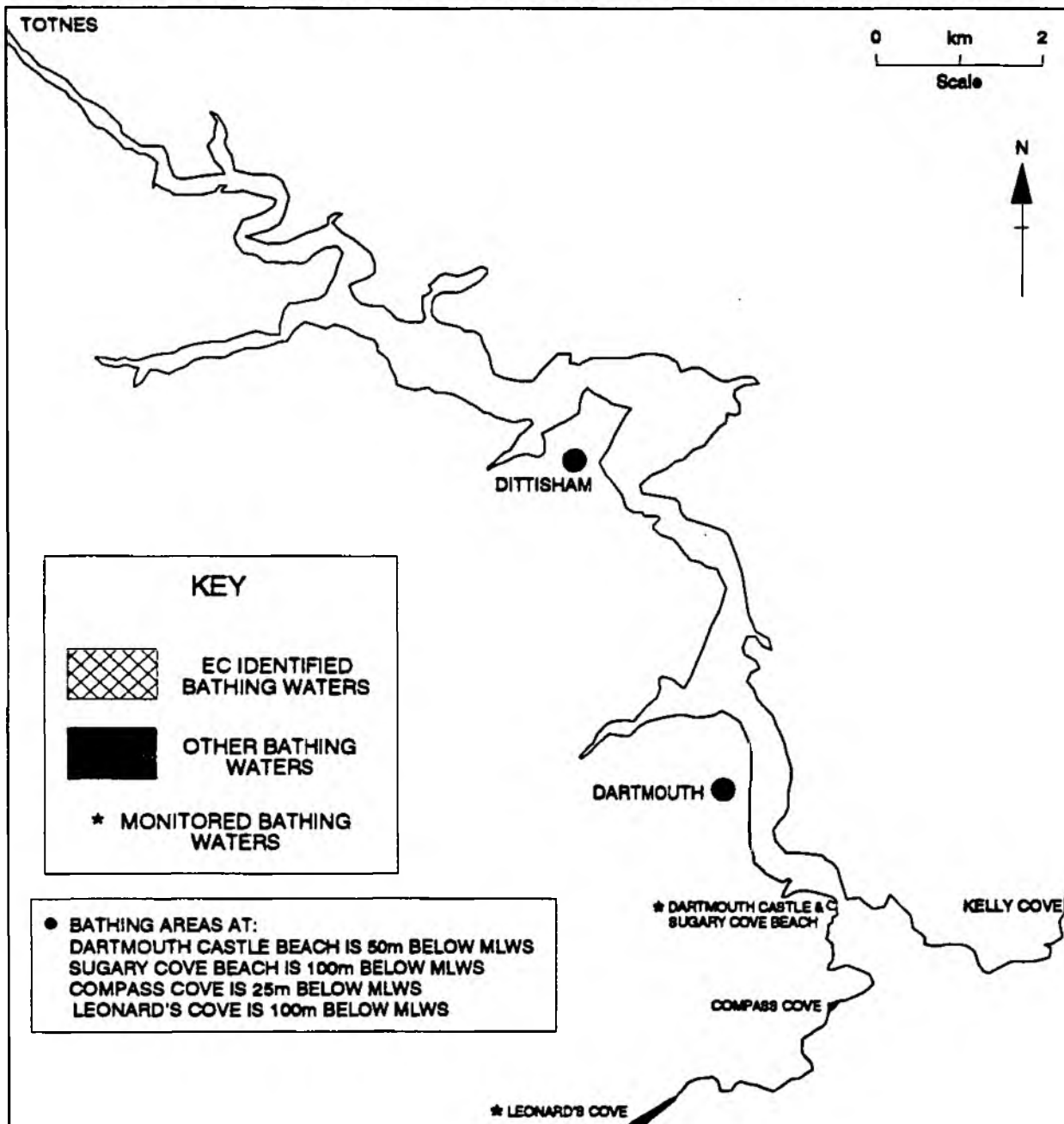
DART ESTUARY - KELLY COVE TO LEONARD'S COVE **WATER CONTACT SPORTS**



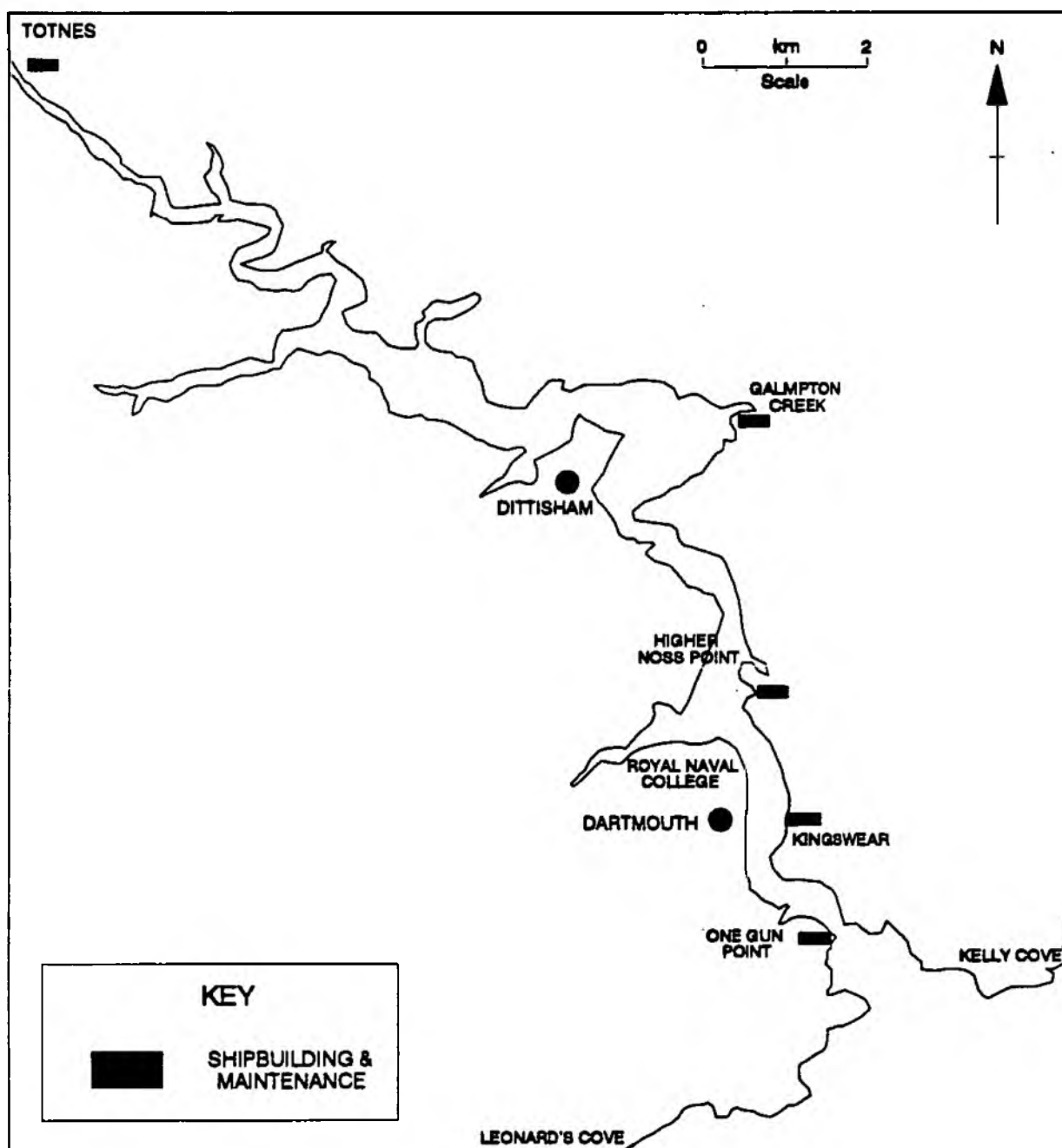
N.R.A. - SOUTH WEST REGION

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DART ESTUARY - KELLY COVE TO LEONARD'S COVE - BATHING WATERS



DART ESTUARY - KELLY COVE TO LEONARD'S COVE - INDUSTRY



N.R.A. - SOUTH WEST REGION

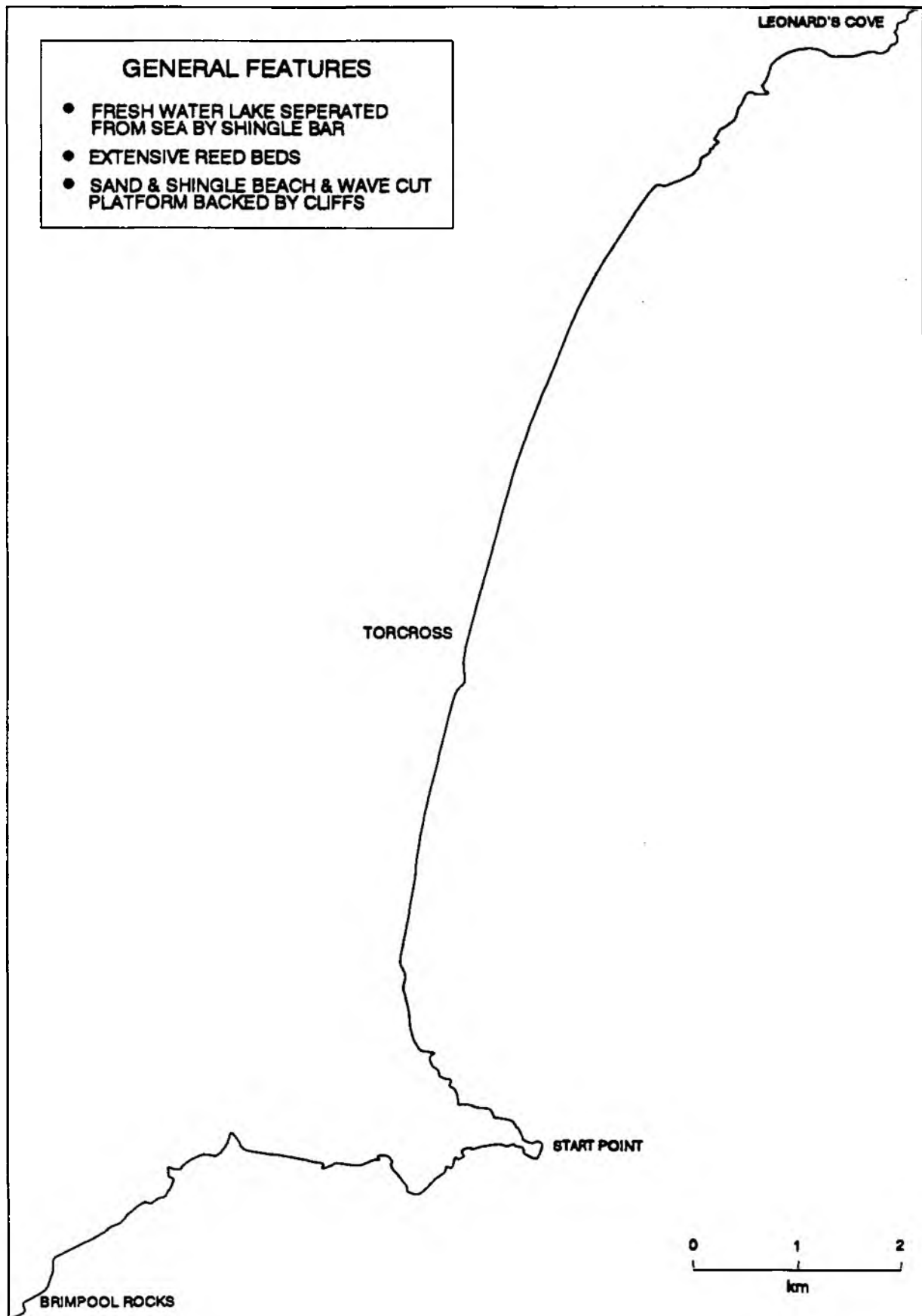
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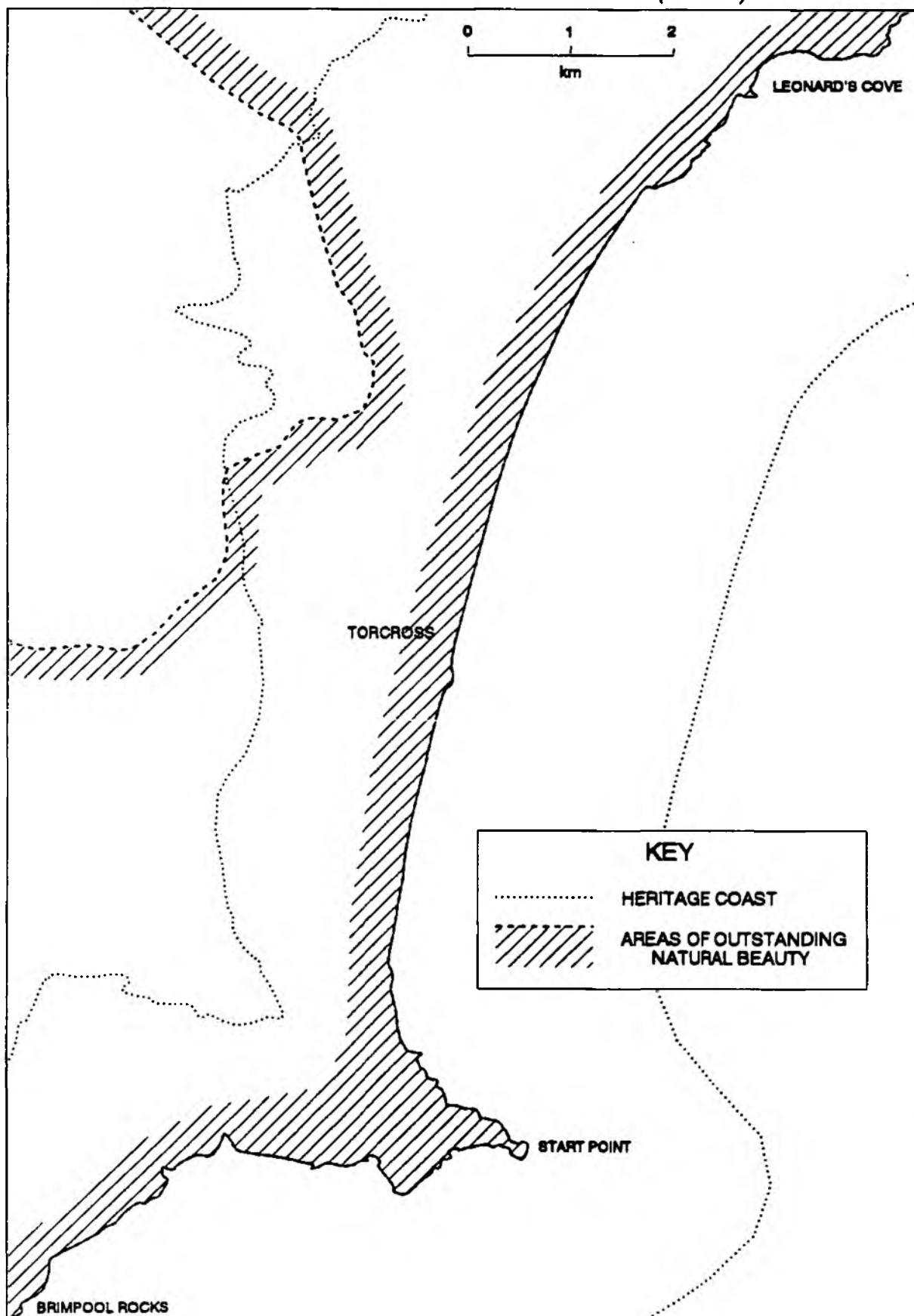
IDENTIFIED USES OF TIDAL WATERS

		OBJECTIVES					
MAP NO	MAP TITLE	CATCHMENT AREAS & NGR BOUNDARIES	GENERAL ECOSYSTEM	SPECIAL ECOSYSTEM	MIGRATORY FISH	COMMERCIAL FISH	SHELL FISH
10	Leonard's Cove to Brimpool Rocks	8a = SX 888495 SX 621458	General Features	Heritage Coast AONB SSSI Marine Conservation Site	Entire area	Gill Nets Trammel Nets Herring Bass Bait Nets Trawling all year Fixed Surface Nets	Crab Pots Inshore Potting

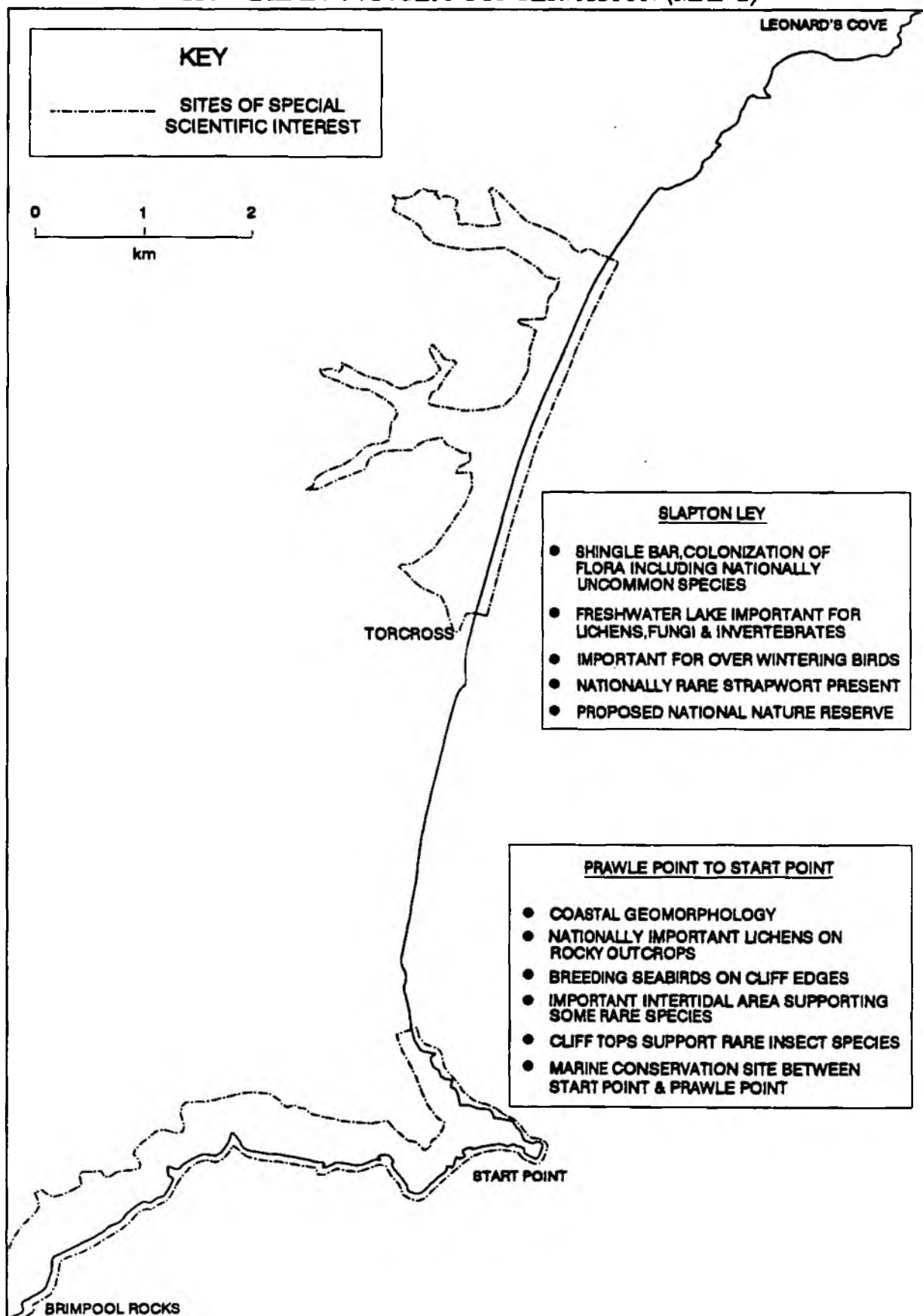
**LEONARD'S COVE TO BRIMPOOL ROCKS
GENERAL ECOSYSTEM CONSERVATION**



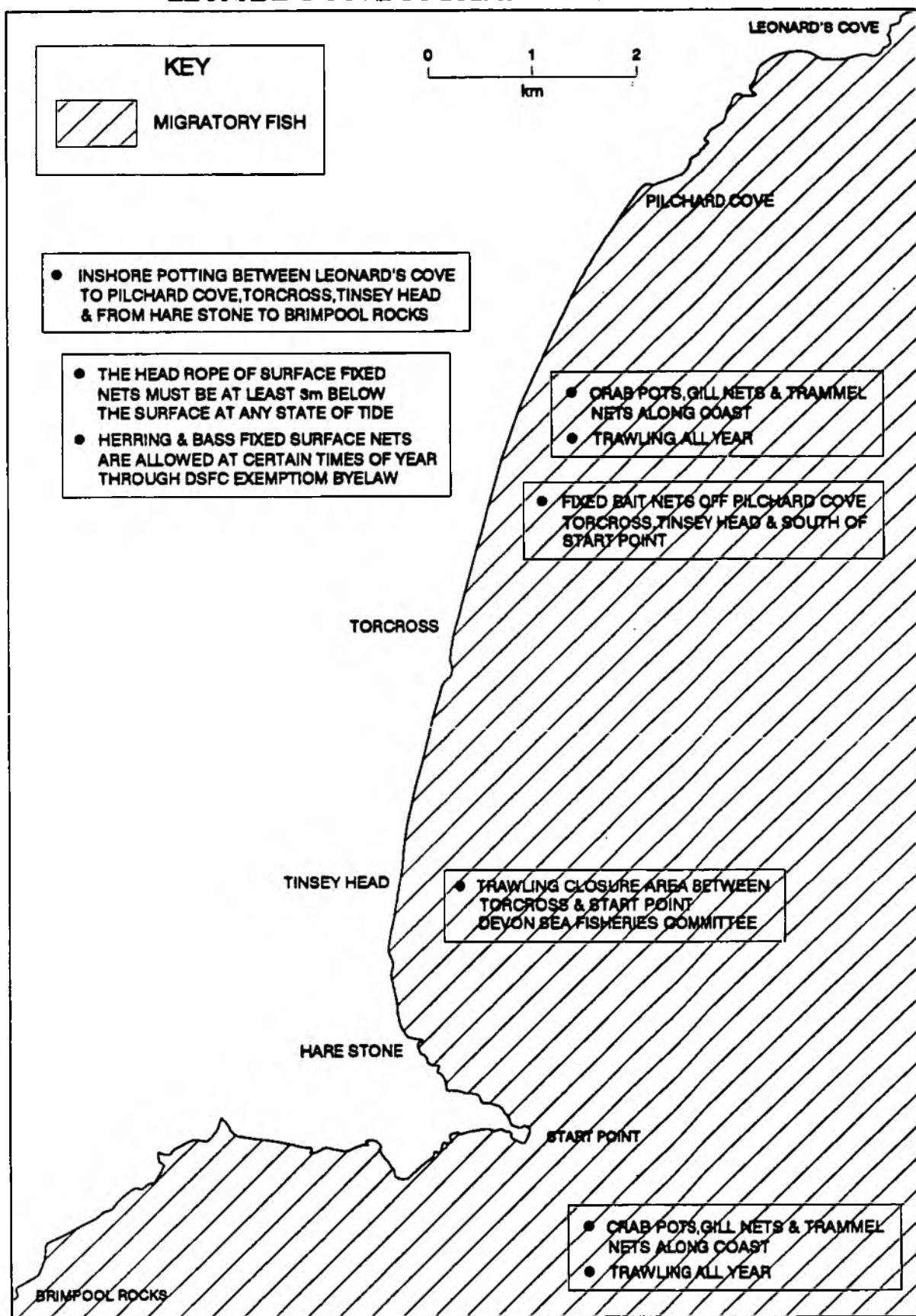
**LEONARD'S COVE TO BRIMPOOL ROCKS
SPECIAL ECOSYSTEM CONSERVATION (MAP 1)**



**LEONARD'S COVE TO BRIMPOOL ROCKS
SPECIAL ECOSYSTEM CONSERVATION (MAP 2)**



LEONARD'S COVE TO BRIMPOOL ROCKS - FISH

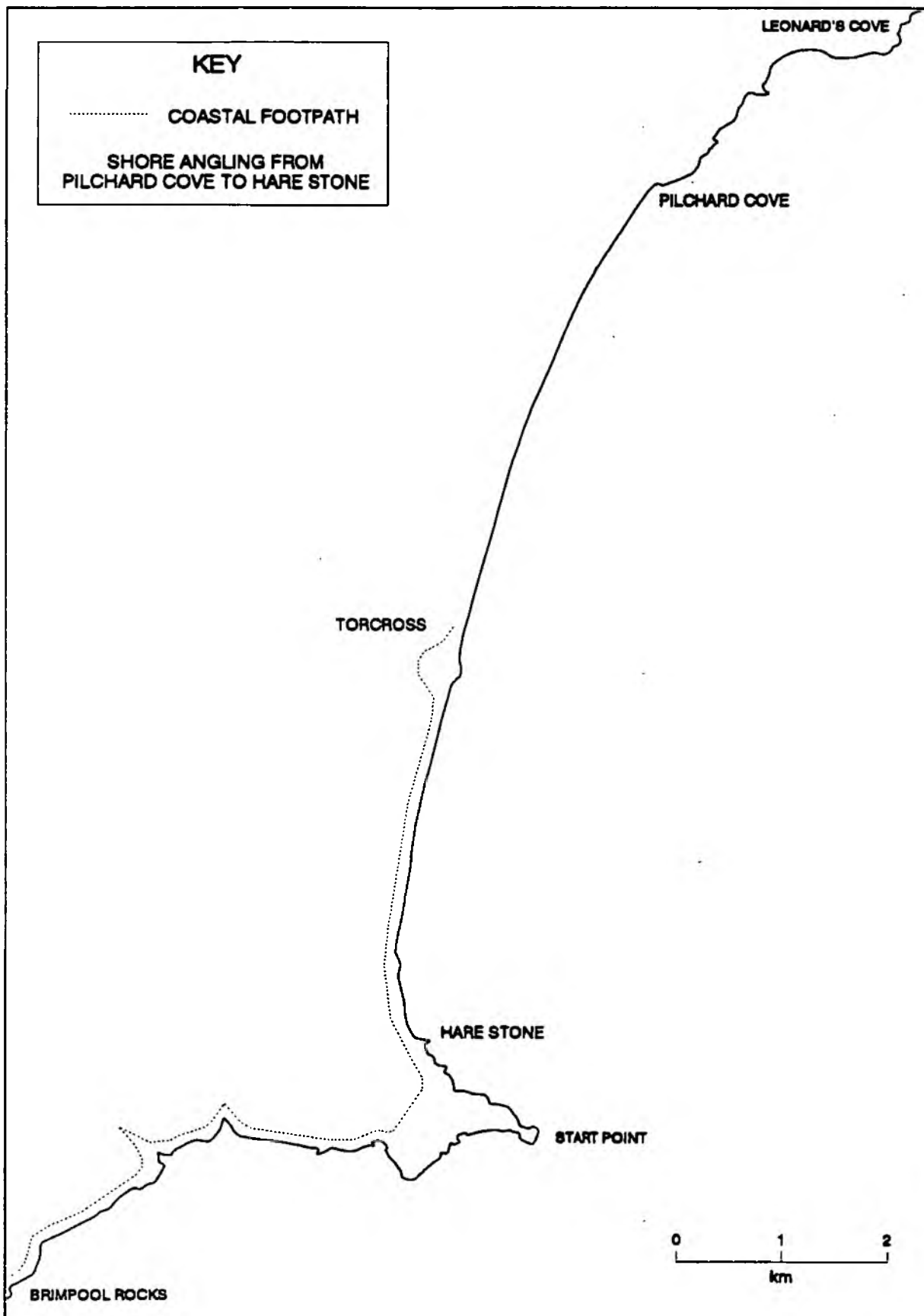


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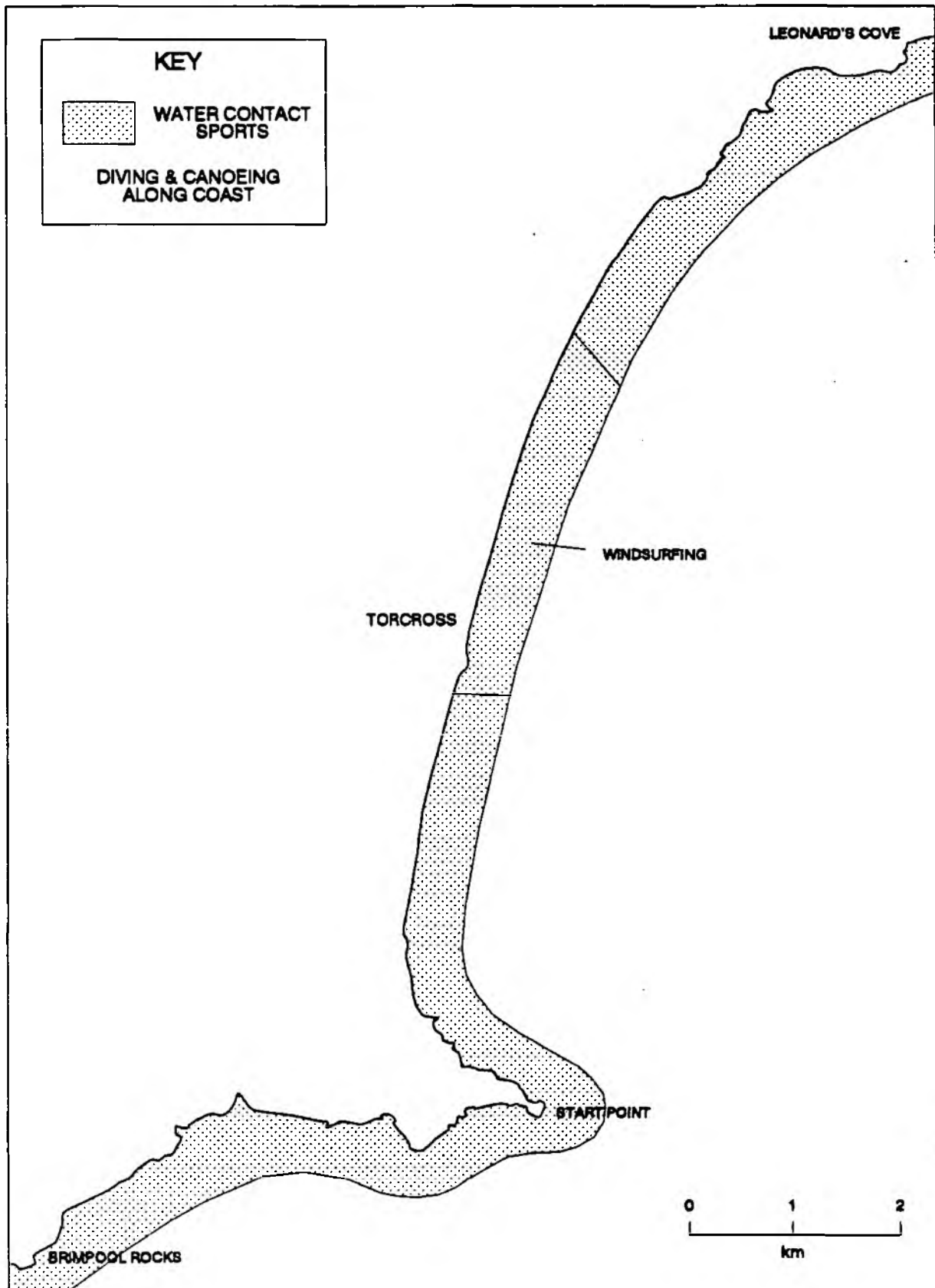
IDENTIFIED USES OF TIDAL WATERS

		OBJECTIVES						
MAP NO	MAP TITLE	BASIC AMENITIES	WATER CONTACT SPORTS	(1)	BATHING WATERS	(2)	INDUSTRY	EMERGENCY SERVICES
10	Leonard's Cove to Brimpool Rocks	Coastal Footpath Shore Angling	Windsurfing Diving Canoeing	F V I	Leonard's Cove Blackpool Sands Slapton Sands(Monument) Slapton Sands(Torcross) Beesands Hallsands Gt.Mattiscombe Beach Strete Gate Beach Lannacombe Bay Beaches	M ECM ECM ECM M M M M		

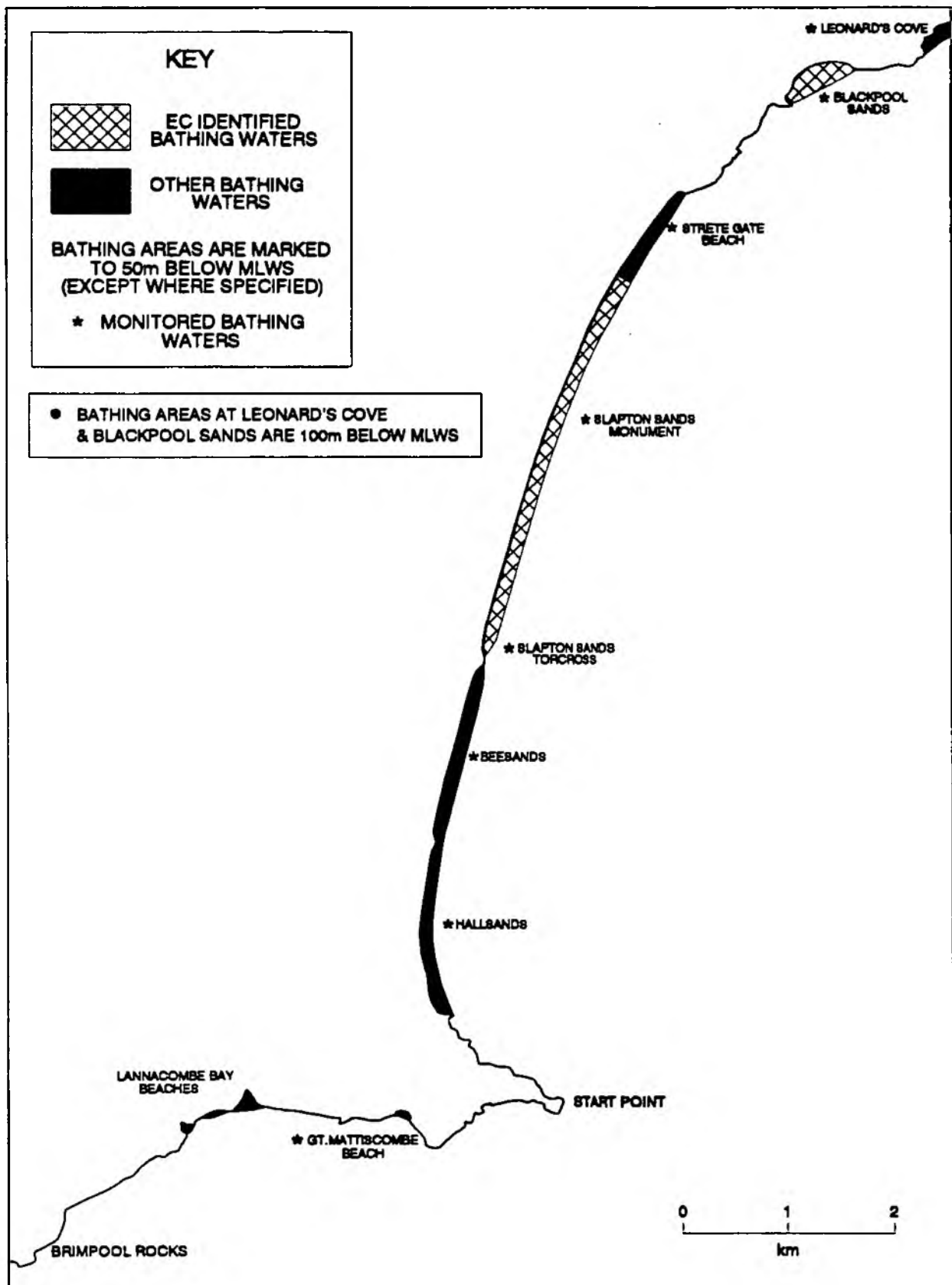
LEONARD'S COVE TO BRIMPOOL ROCKS - BASIC AMENITIES



LEONARD'S COVE TO BRIMPOOL ROCKS - WATER CONTACT SPORTS



LEONARD'S COVE TO BRIMPOOL ROCKS - BATHING WATERS

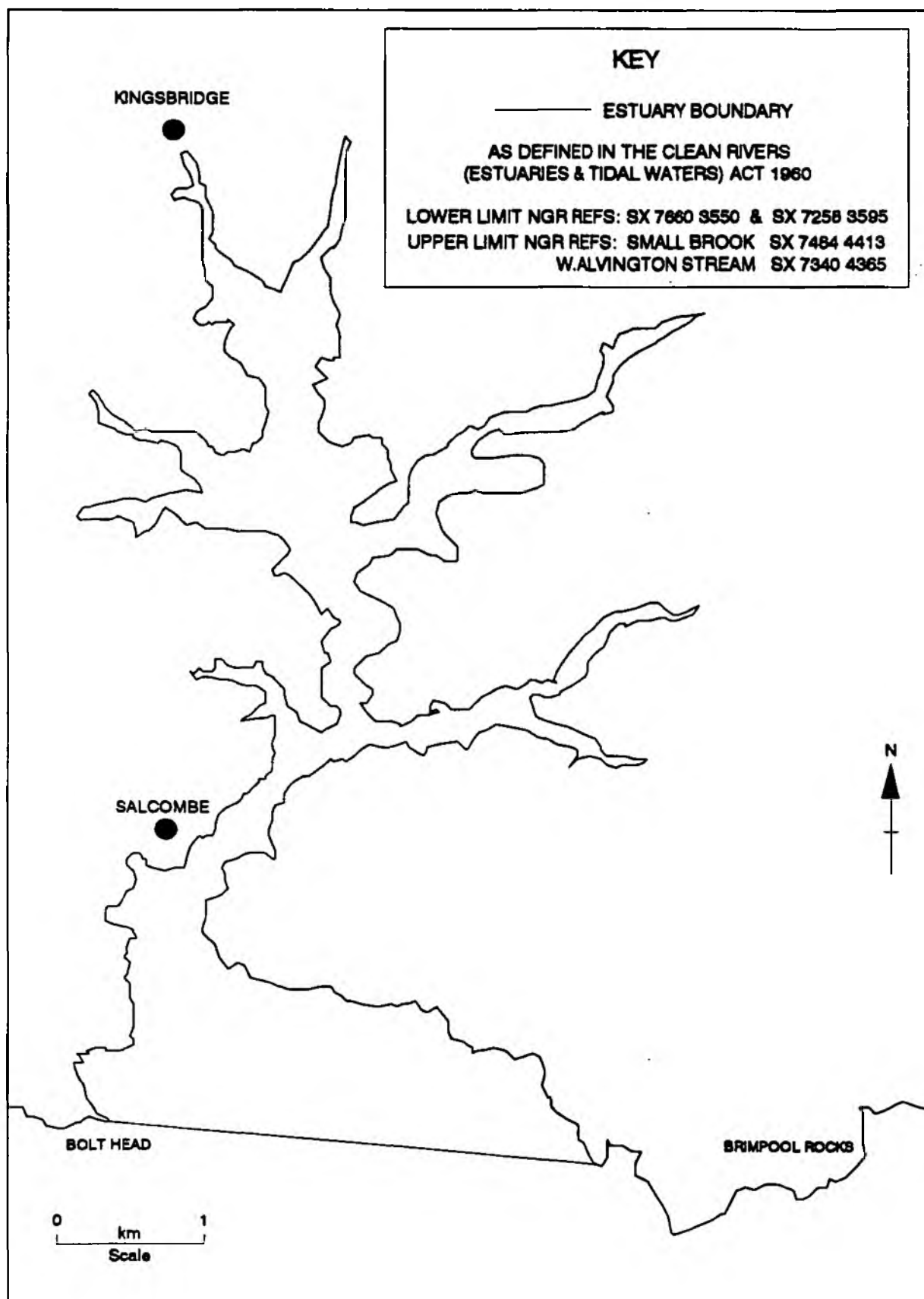


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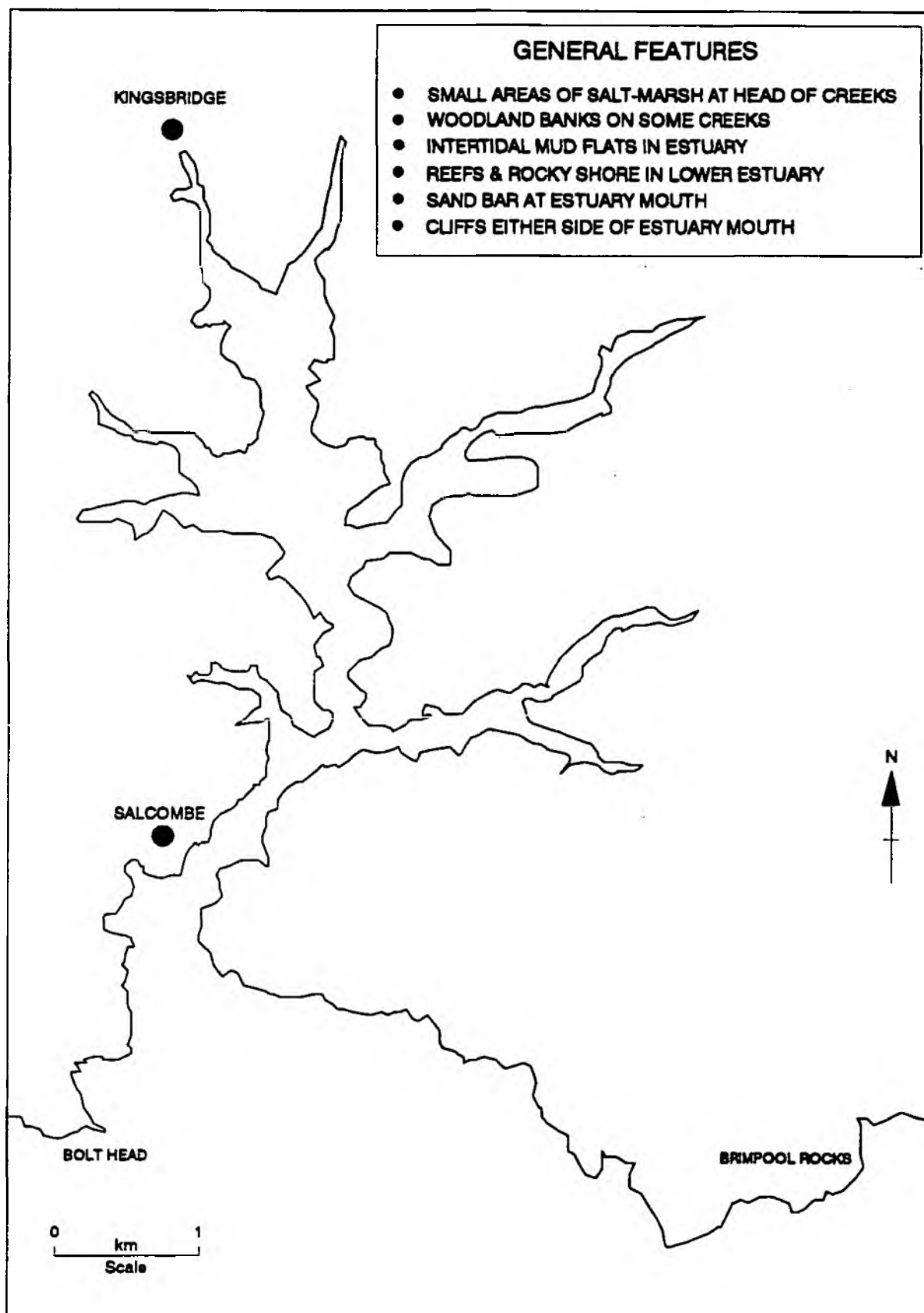
IDENTIFIED USES OF TIDAL WATERS

		OBJECTIVES					
MAP NO	MAP TITLE	CATCHMENT AREAS & NGR BOUNDARIES	GENERAL ECOSYSTEM	SPECIAL ECOSYSTEM	MIGRATORY FISH	COMMERCIAL FISH	SHELL FISH
11	Kingsbridge Estuary (Brimpool Rocks to Bolt Head)	8a = SX 888495 SX 621458	General Features	Heritage Coast AONB SSSI LNR Marine Conservation Site		Beach Seining for Sand Eels Bass Nursery Area boundary from Splat Point to Limebury Point Fixed Nets, Biat Nets, Ring Nets & Drift Nets Bass & Herring Fishing Harbours at Batson & Salcombe	Crabs Cockles Winkles Oysters Mussels Scallops Inshore Potting

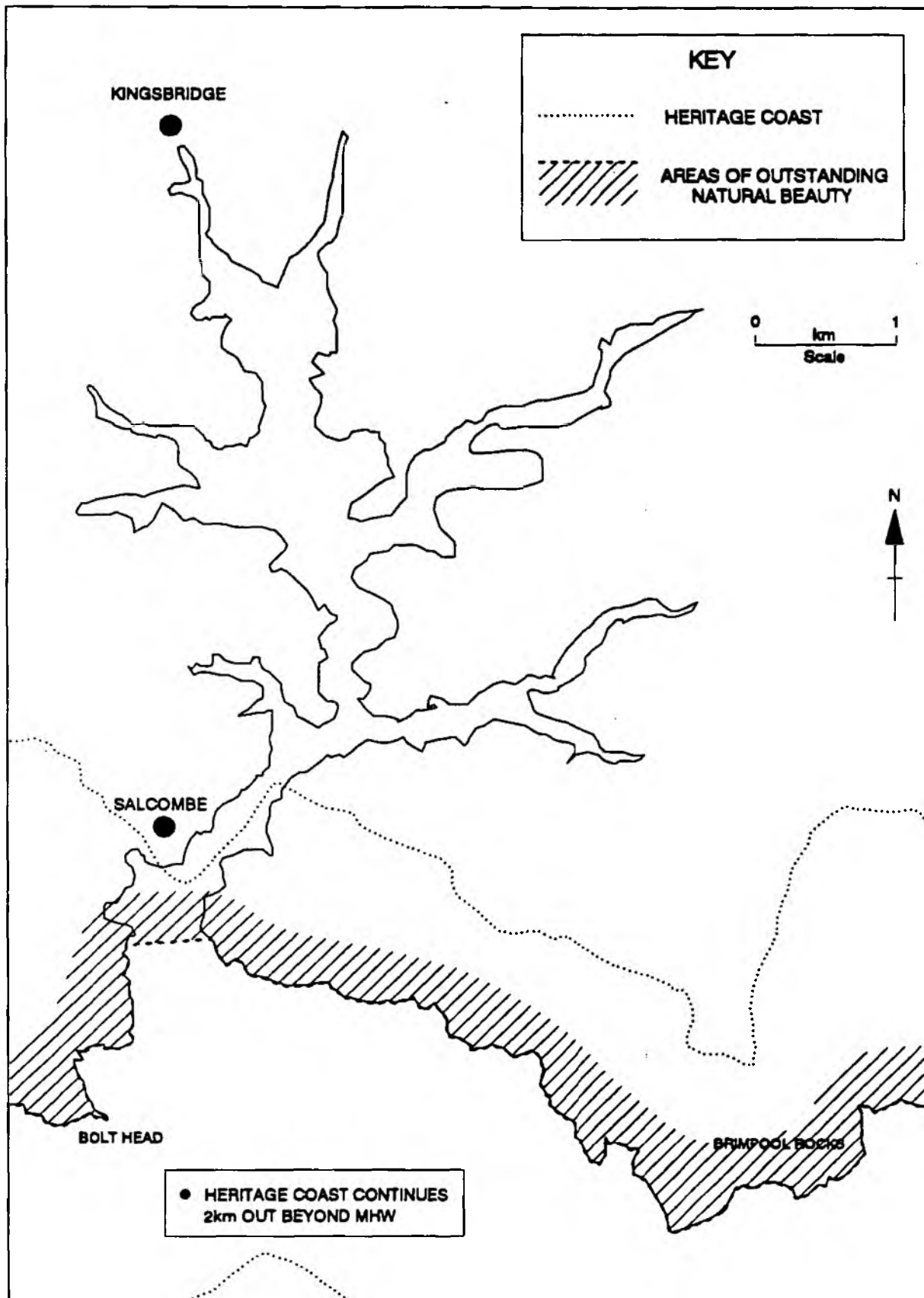
**KINGSBRIDGE ESTUARY - BRIMPOOL ROCKS TO BOLT HEAD
ESTUARY BOUNDARY**



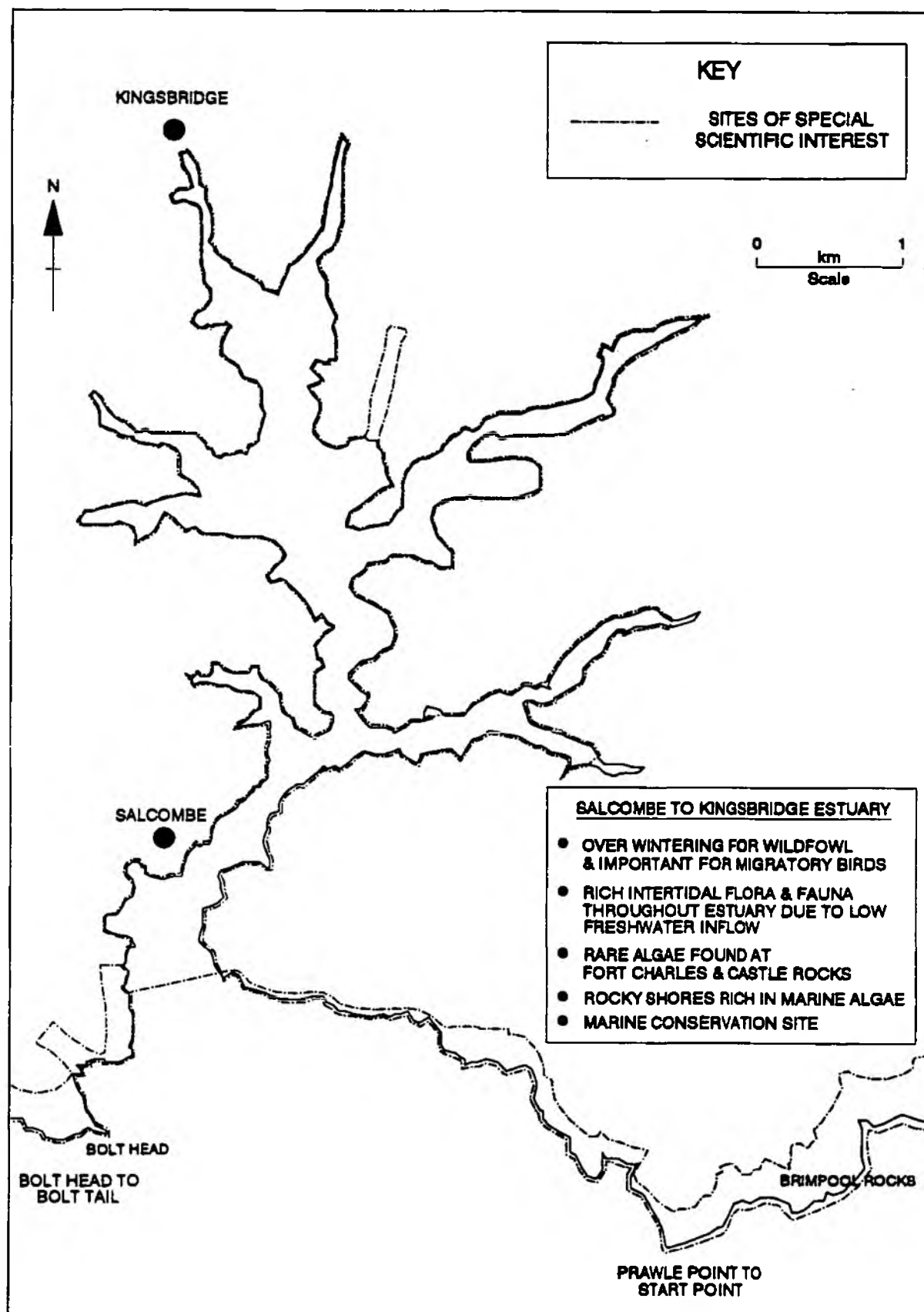
**KINGSBRIDGE ESTUARY - BRIMPOOL ROCKS TO BOLT HEAD
GENERAL ECOSYSTEM CONSERVATION**



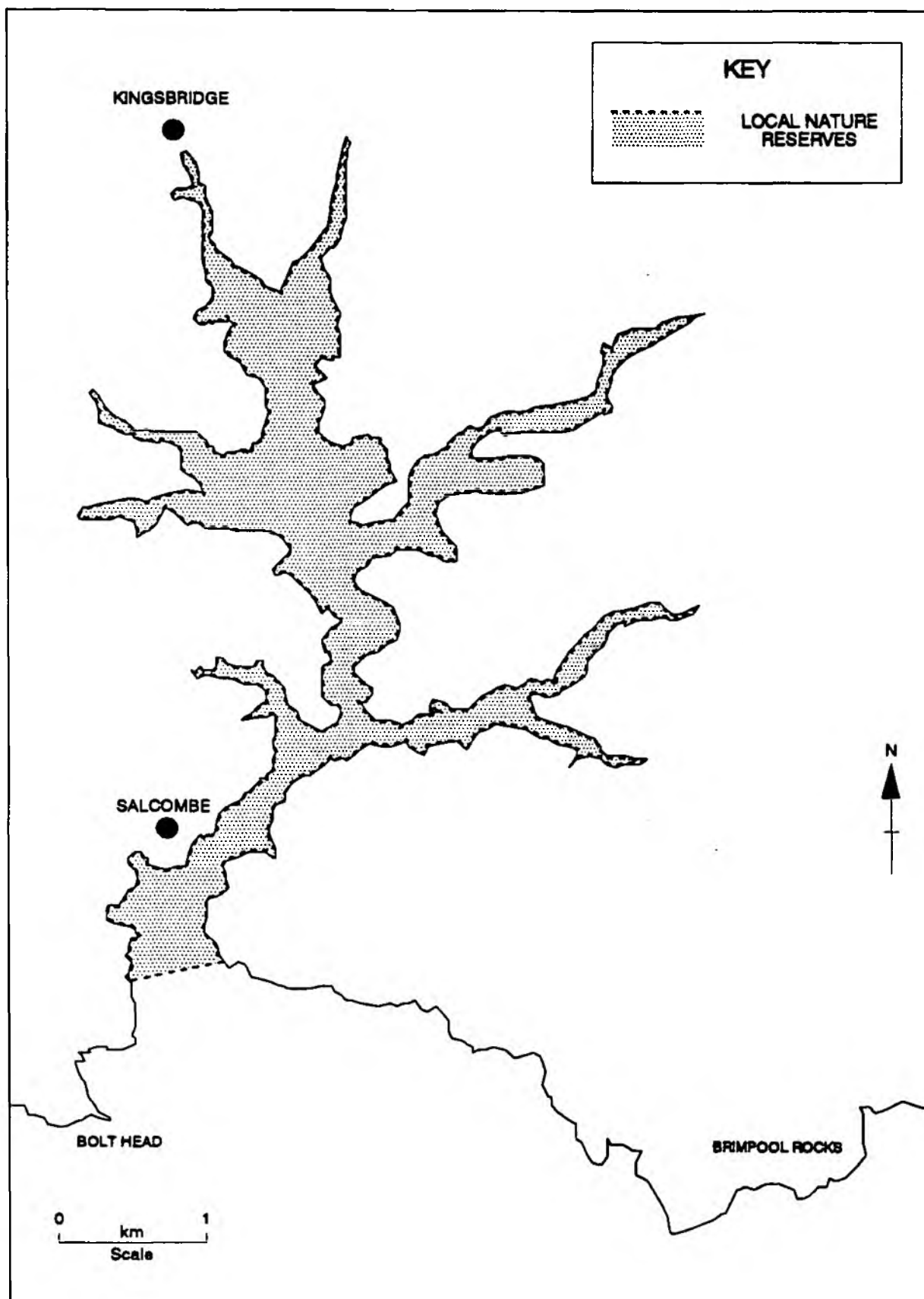
**KINGSBRIDGE ESTUARY - BRIMPOOL ROCKS TO BOLT HEAD
SPECIAL ECOSYSTEM CONSERVATION (MAP 1)**



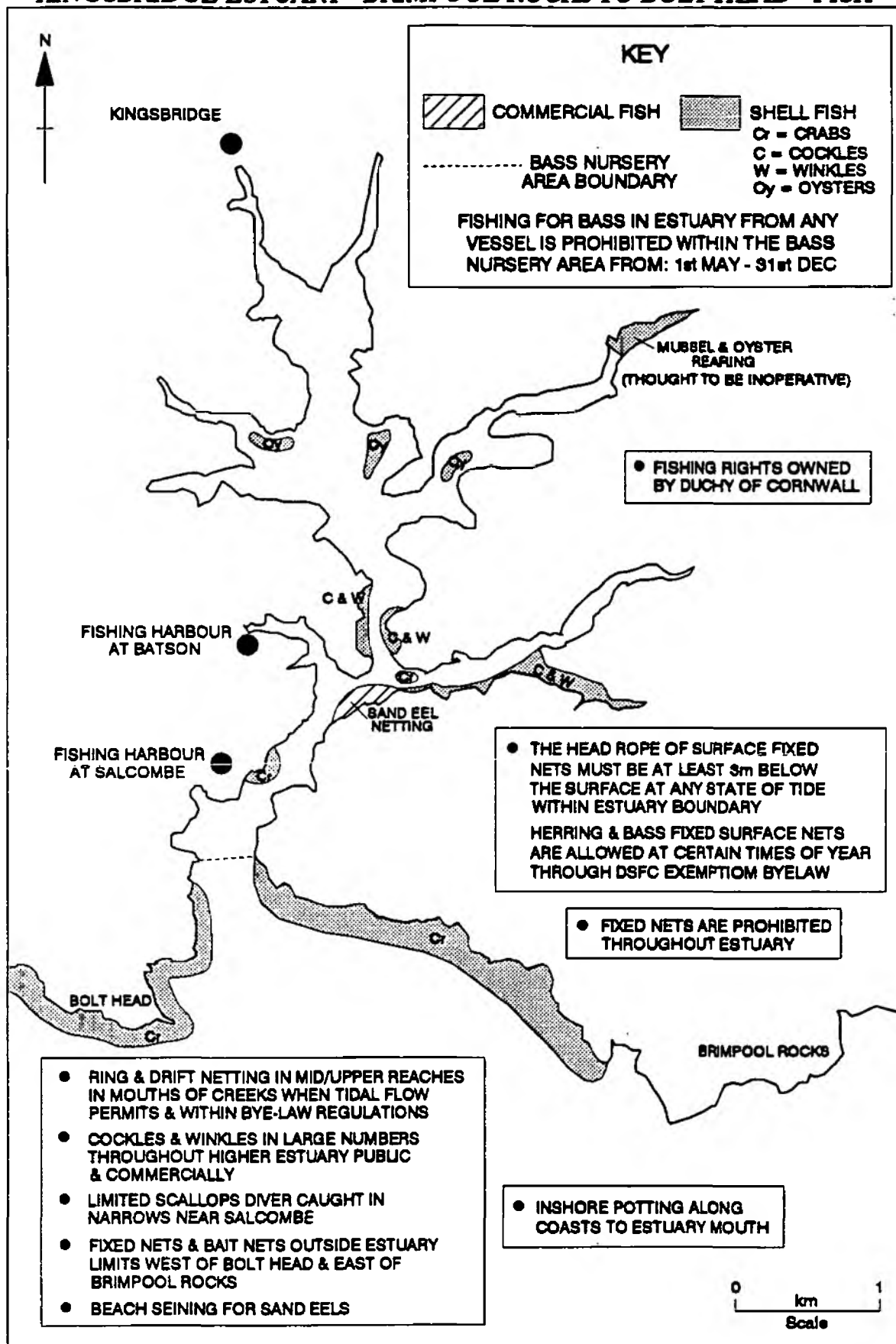
**KINGSBRIDGE ESTUARY - BRIMPOOL ROCKS TO BOLT HEAD
SPECIAL ECOSYSTEM CONSERVATION (MAP 2)**



**KINGSBRIDGE ESTUARY - BRIMPOOL ROCKS TO BOLT HEAD
SPECIAL ECOSYSTEM CONSERVATION (MAP 3)**



KINGSBRIDGE ESTUARY - BRIMPOOL ROCKS TO BOLT HEAD - FISH

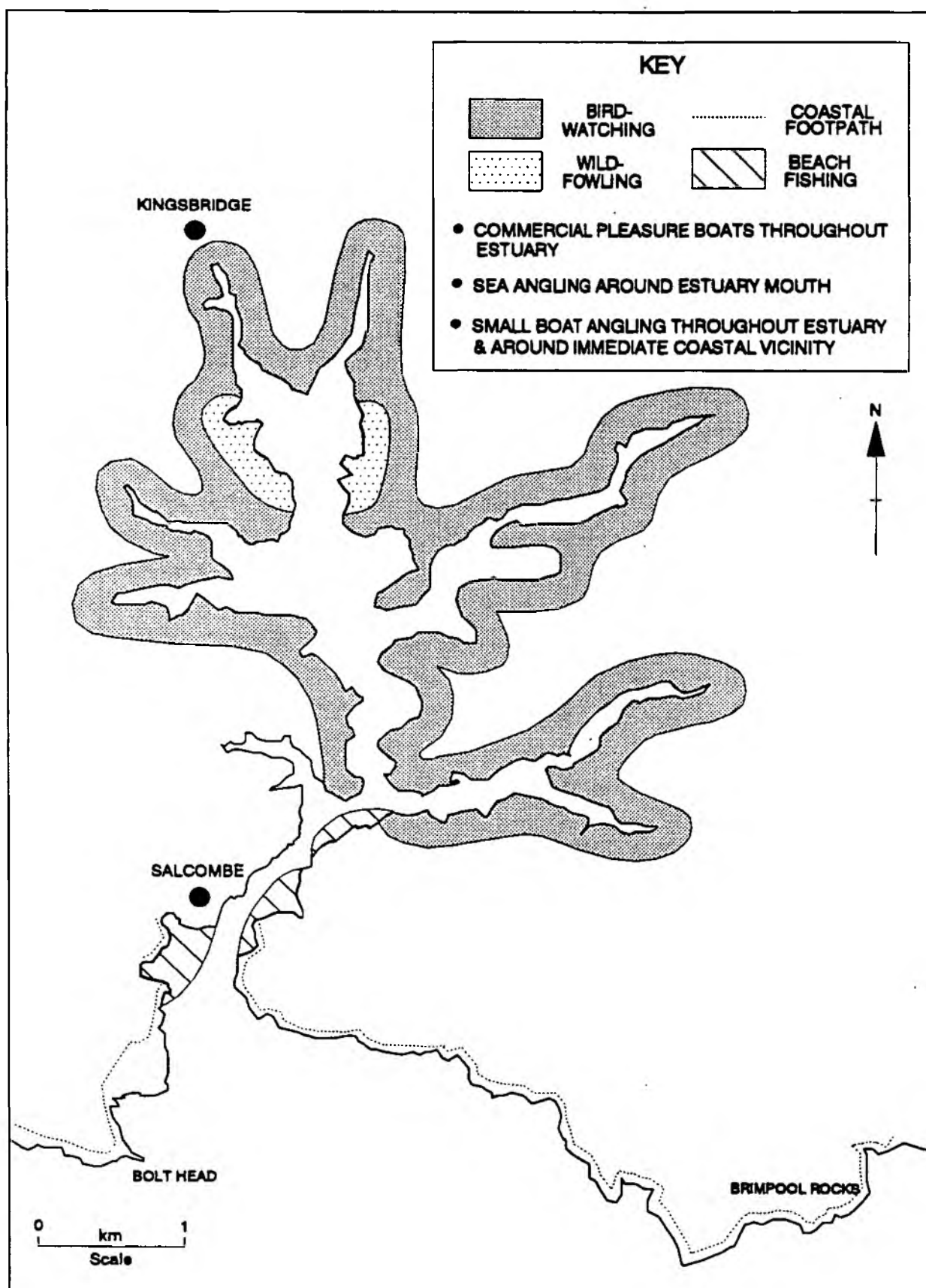


TITLE: NATIONAL RIVERS AUTHORITY - SOUTH WEST REGION
 LAST UPDATE 16.12.92
 VERSION: 2

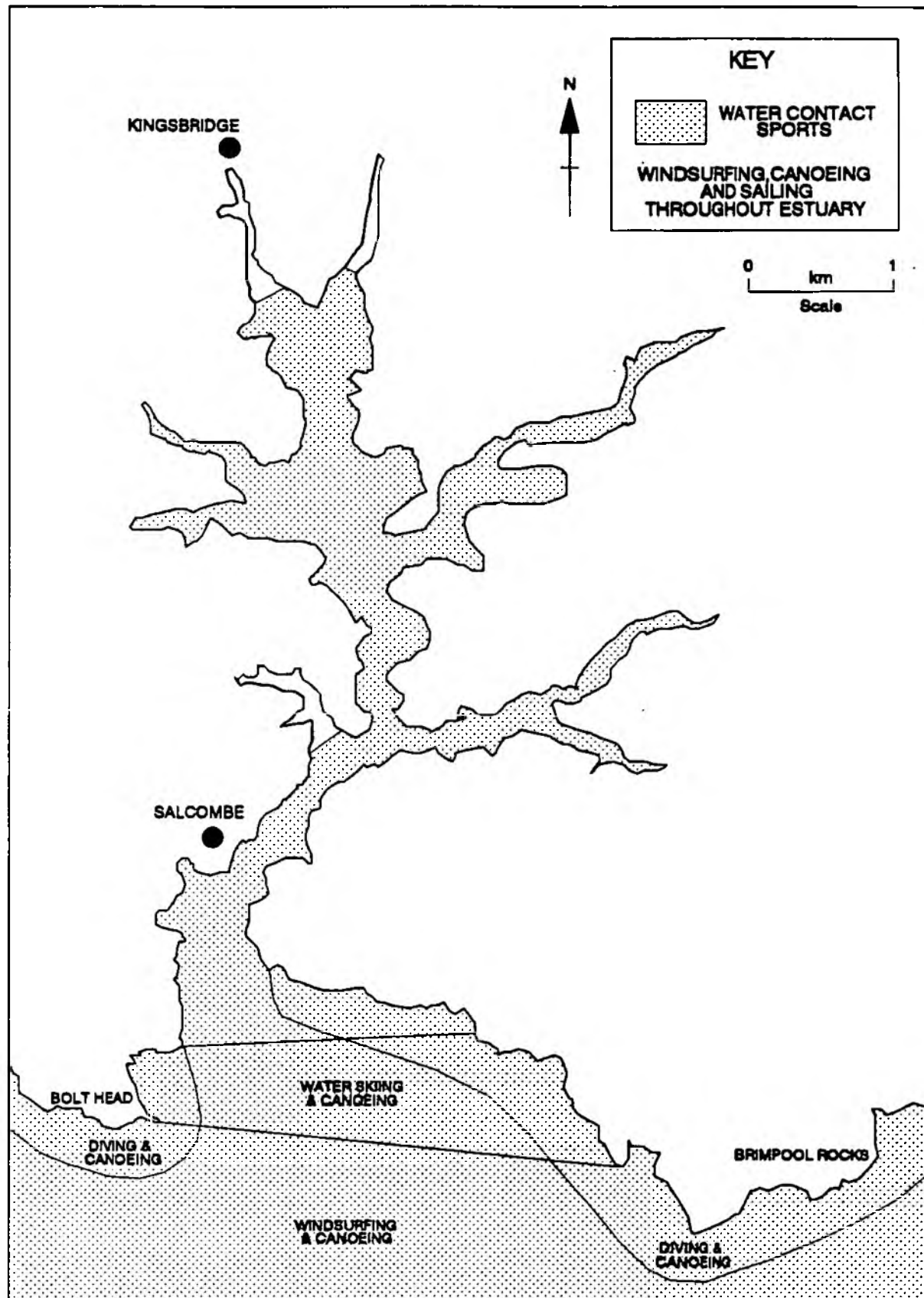
IDENTIFIED USES OF TIDAL WATERS

		OBJECTIVES						
MAP NO	MAP TITLE	BASIC AMENITIES	WATER CONTACT SPORTS	(1)	BATHING WATERS	(2)	INDUSTRY	EMERGENCY SERVICES
11	Kingsbridge Estuary (Brimpool Rocks to Bolt Head)	Bird-Watching Wildfowling Coastal Footpath Beach Fishing Sea Angling at Estuary Mouth Commercial Pleasure Boats Small Boat Angling throughout area	Windsurfing Water Skiing Sailing Canoeing Diving	V F V F V	Ditchend Beach Mill Bay Beach Sunny Cove Abraham's Hole Pig's Nose Beach Gammon Head Salcombe(North)Sands Salcombe(South)Sands	M ECM M M M M ECM ECM	Shipbuilding & Repair	RNLI

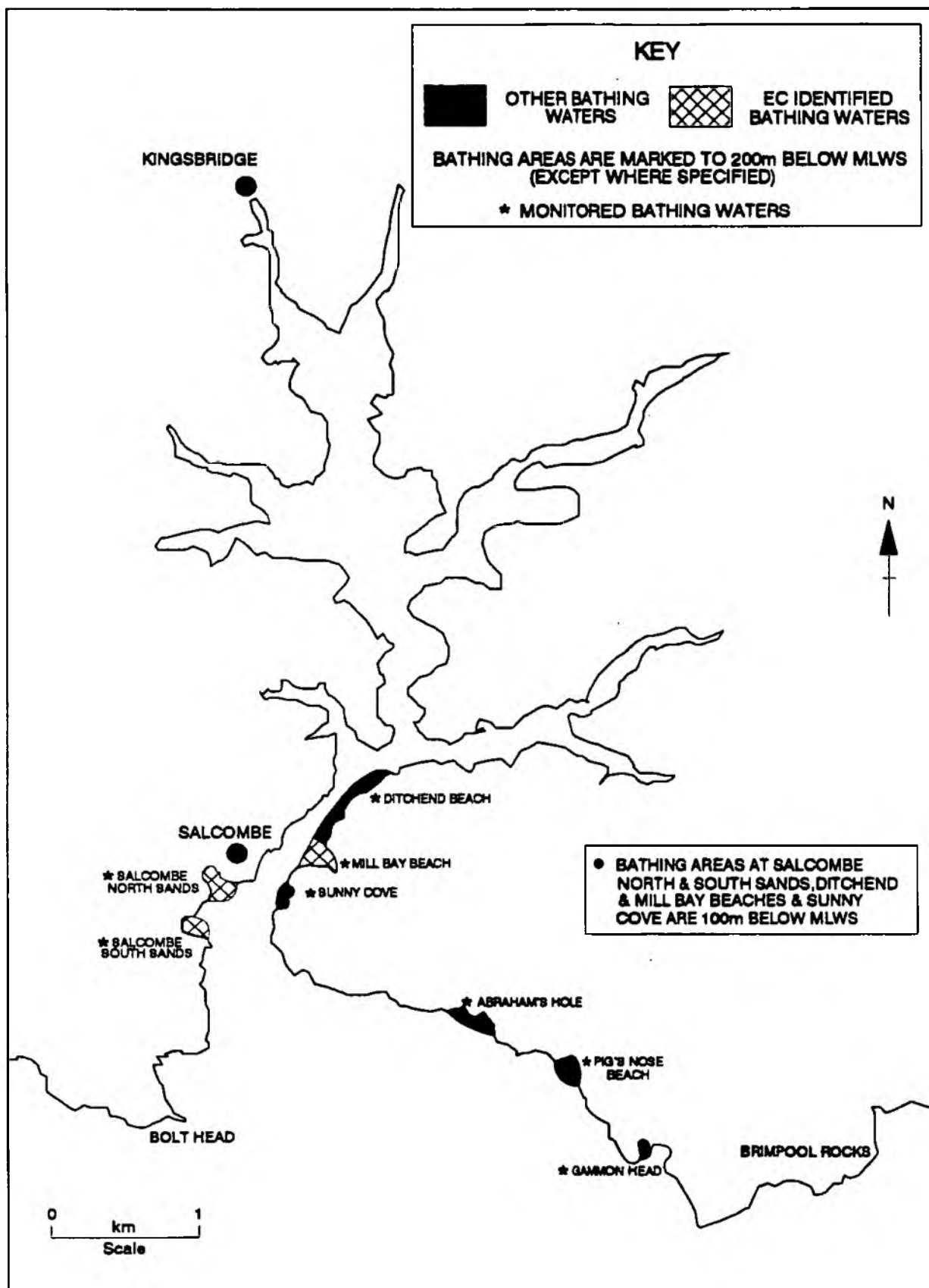
KINGSBRIDGE ESTUARY - BRIMPOOL ROCKS TO BOLT HEAD **BASIC AMENITIES**



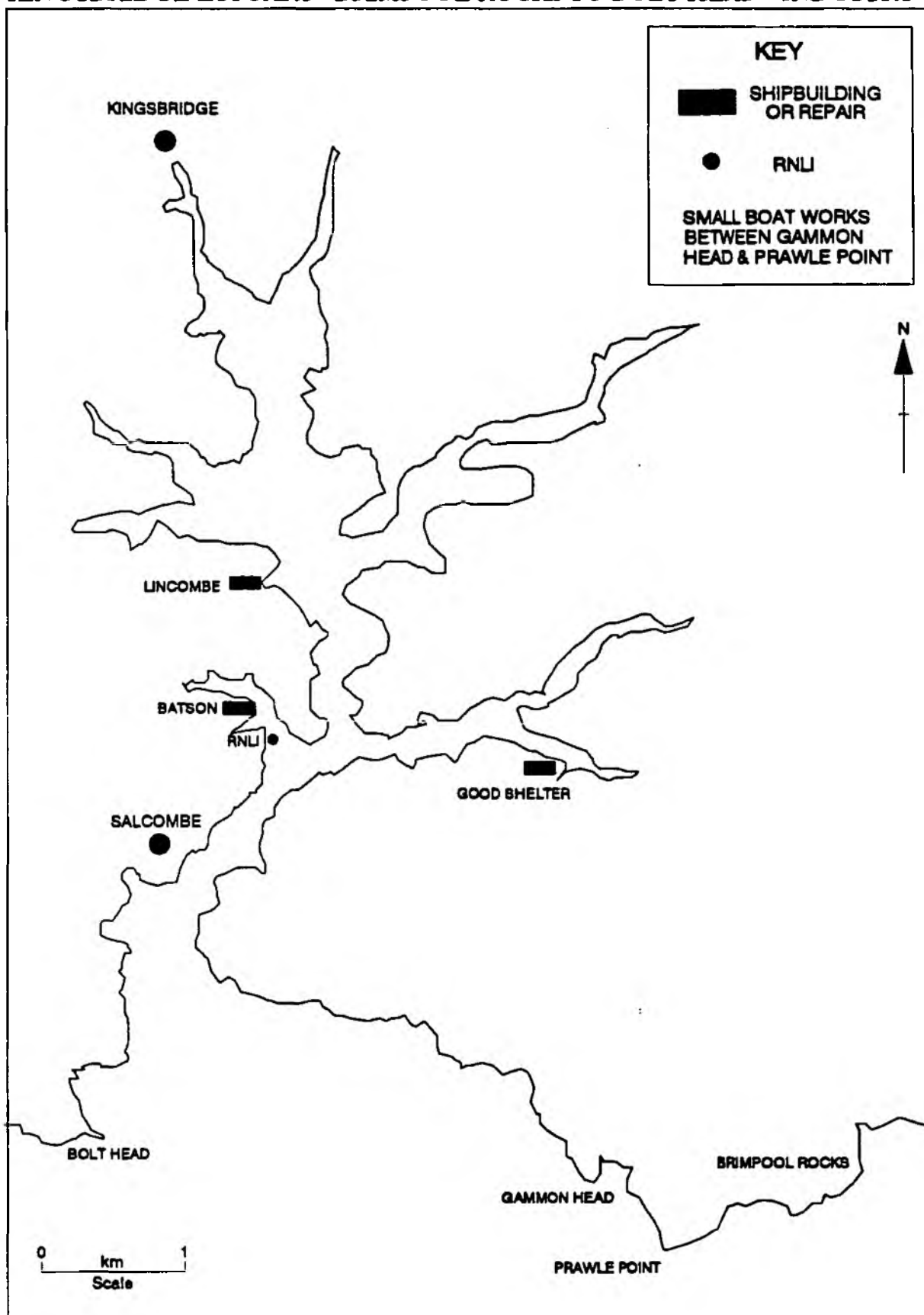
**KINGSBRIDGE ESTUARY - BRIMPOOL ROCKS TO BOLT HEAD
WATER CONTACT SPORTS**



KINGSBRIDGE ESTUARY - BRIMPOOL ROCKS TO BOLT HEAD BATHING WATERS



KINGSBRIDGE ESTUARY - BRIMPOOL ROCKS TO BOLT HEAD - INDUSTRY

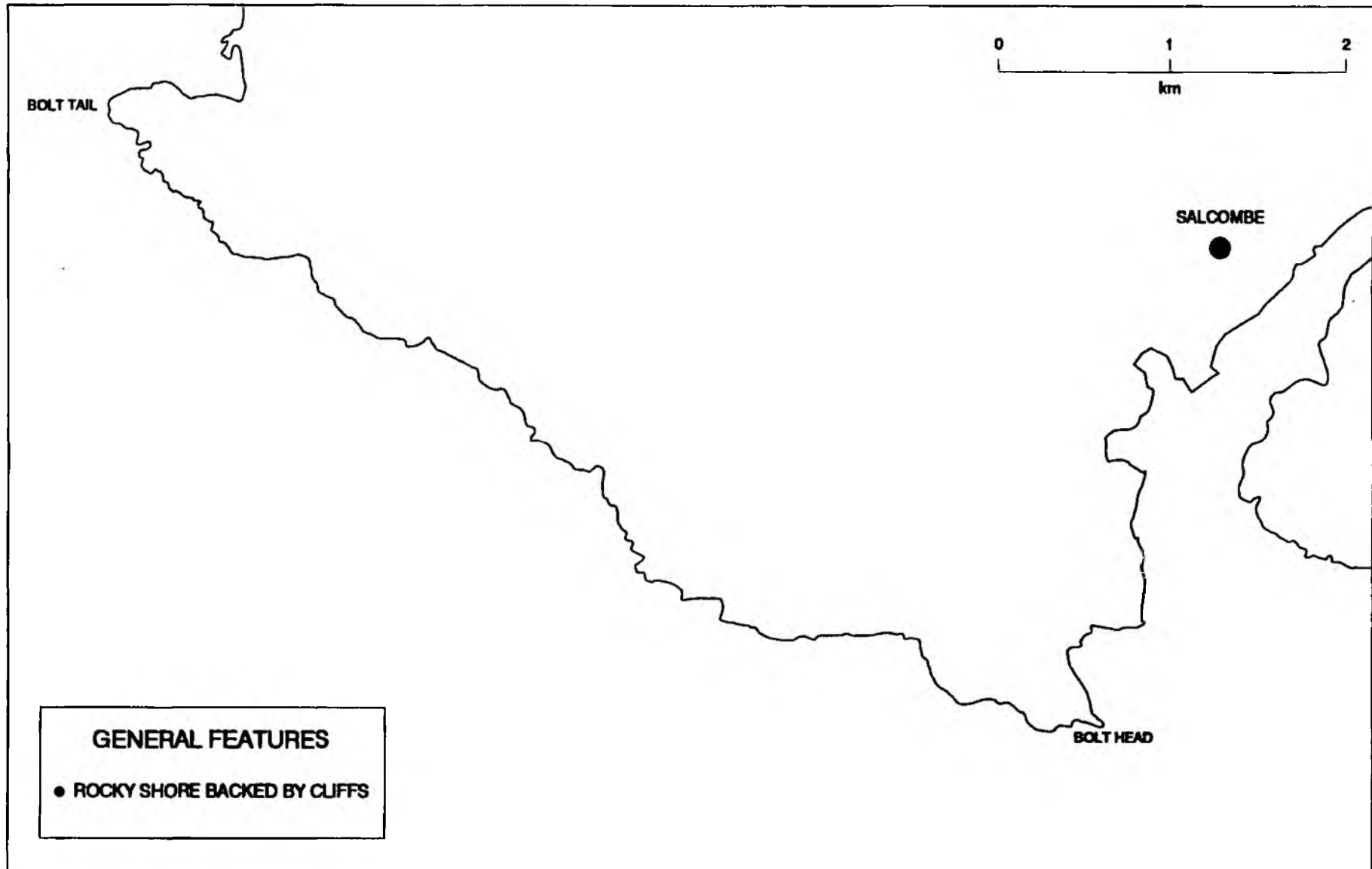


TITLE: NATIONAL RIVERS AUTHORITY - SOUTH WEST REGION
 LAST UPDATE 16.12.92
 VERSION: 2

IDENTIFIED USES OF TIDAL WATERS

		OBJECTIVES					
MAP NO	MAP TITLE	CATCHMENT AREAS & NGR BOUNDARIES	GENERAL ECOSYSTEM	SPECIAL ECOSYSTEM	MIGRATORY FISH	COMMERCIAL FISH	SHELL FISH
12	Bolt Head to Bolt Tail	8a = SX 888495 SX 621458	General Features	Heritage Coast AONB SSSI	Entire area	Trawling all year by agreement Fixed Bait nets Fixed Gear Potting zones	Inshore Potting

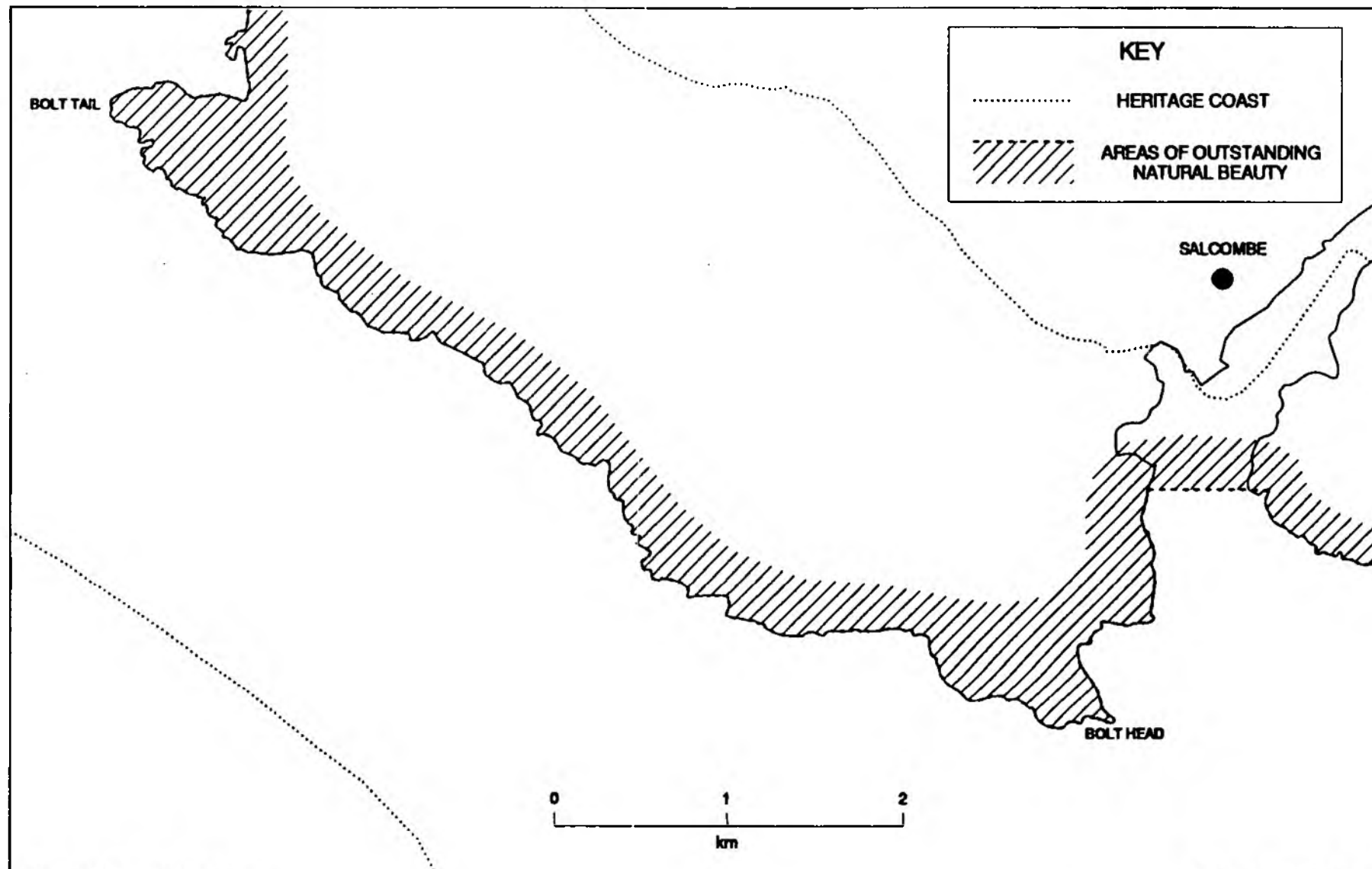
BOLT HEAD TO BOLT TAIL - GENERAL ECOSYSTEM CONSERVATION



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VERSION: 2 OCT 1992

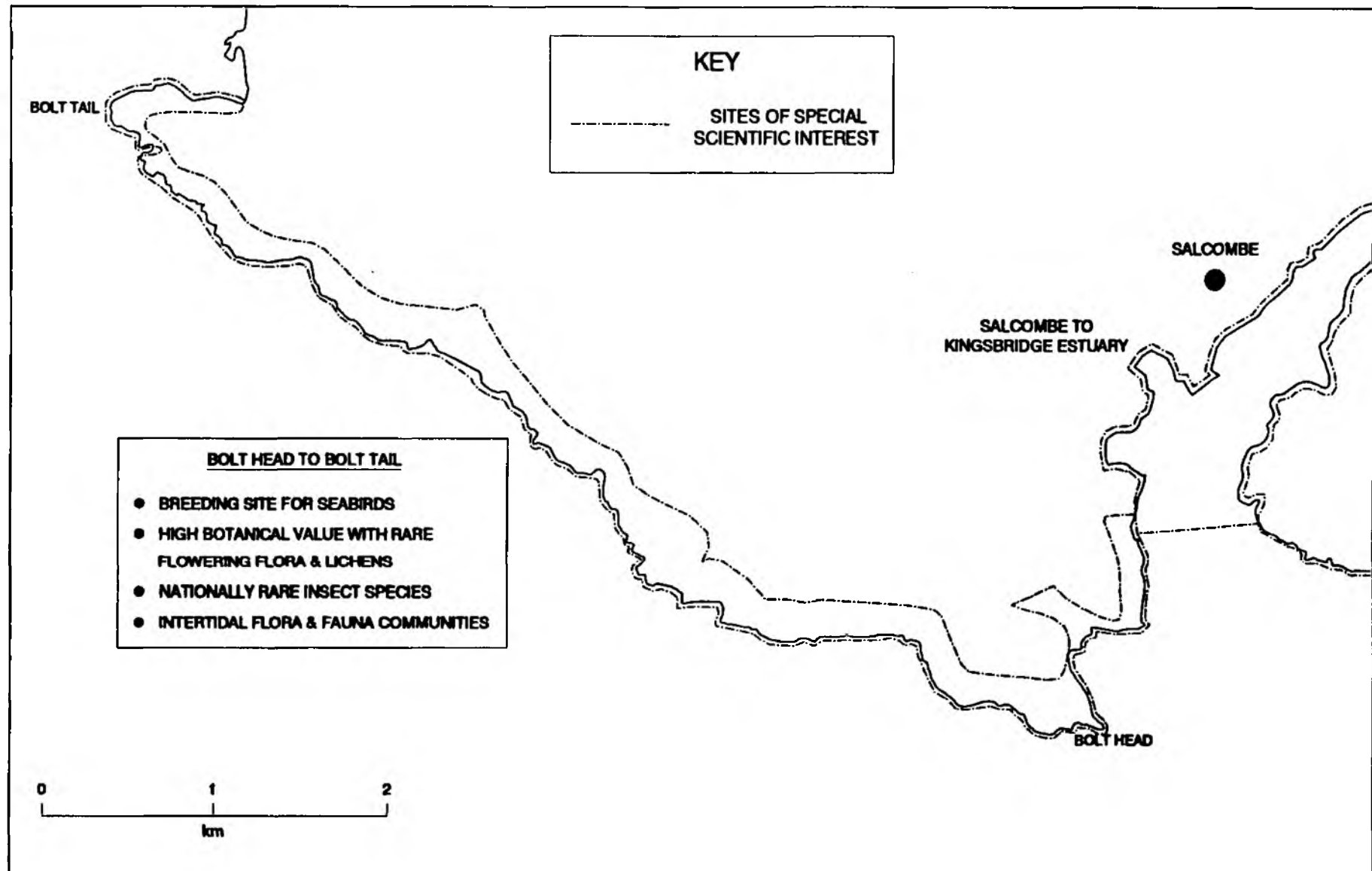
BOLT HEAD TO BOLT TAIL - SPECIAL ECOSYSTEM CONSERVATION (MAP 1)



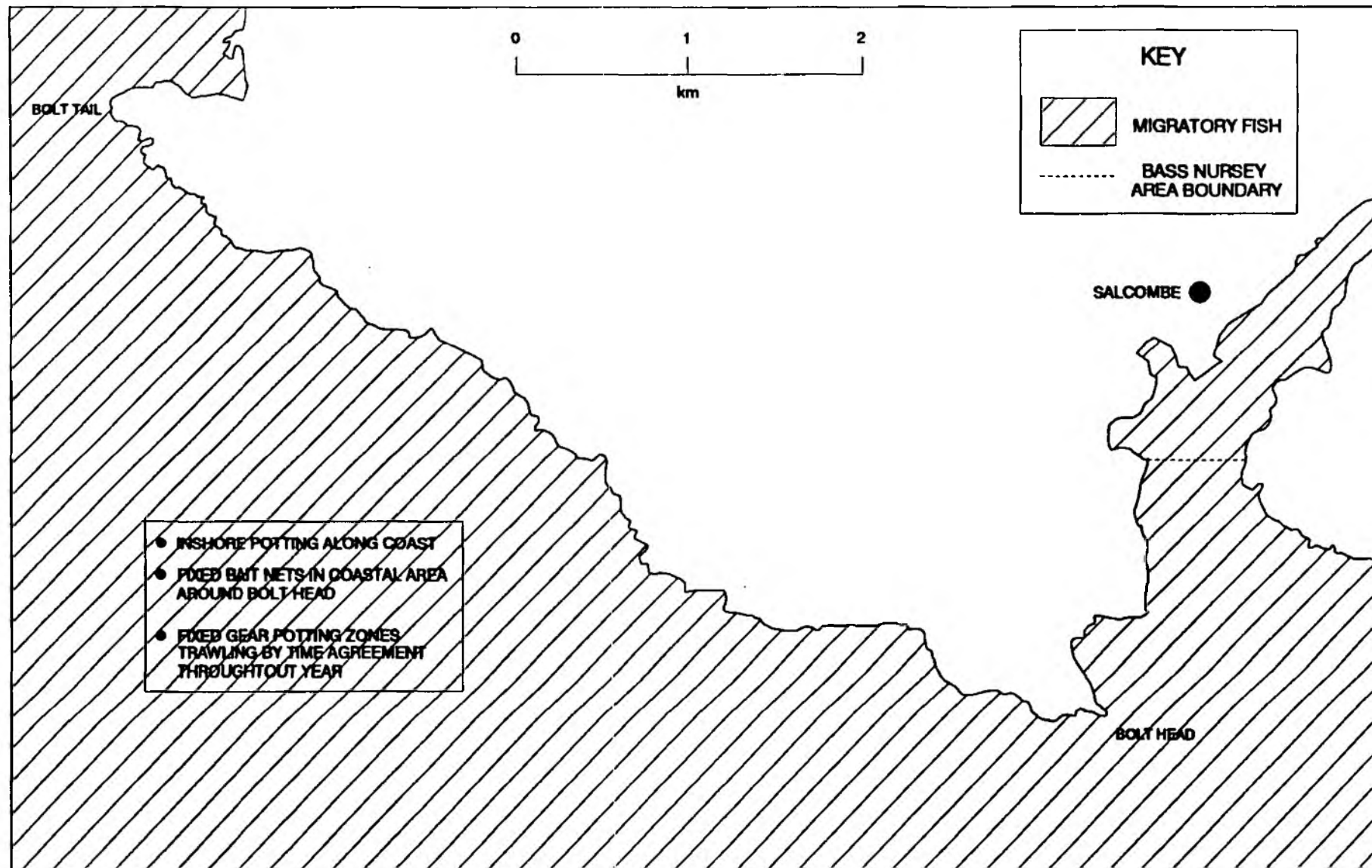
N.R.A. - SOUTH WEST REGION

VERSION: 1 JULY 1992

BOLT HEAD TO BOLT TAIL - SPECIAL ECOSYSTEM CONSERVATION (MAP 2)



BOLT HEAD TO BOLT TAIL - FISH

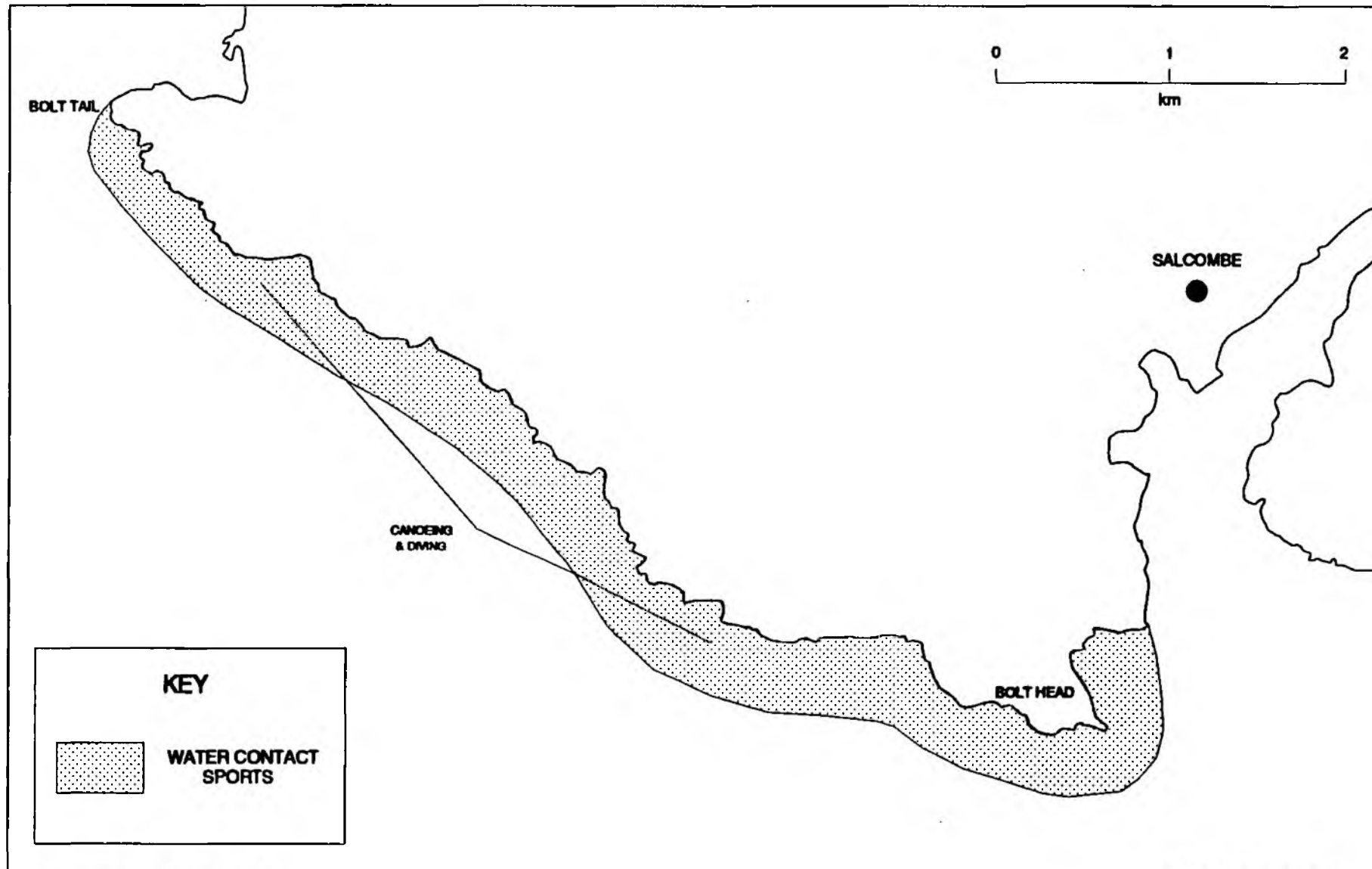


TITLE: NATIONAL RIVERS AUTHORITY - SOUTH WEST REGION
 LAST UPDATE 16.12.92
 VERSION: 2

IDENTIFIED USES OF TIDAL WATERS

		OBJECTIVES						
MAP NO	MAP TITLE	BASIC AMENITIES	WATER CONTACT SPORTS	(1)	BATHING WATERS	(2)	INDUSTRY	EMERGENCY SERVICES
12	Bolt Head to Bolt Tail	Coastal Footpath (No map)	Canoeing Diving	F V	Soar Mill Cove Mouthwell Sands Hope Cove Beach	H ECM		

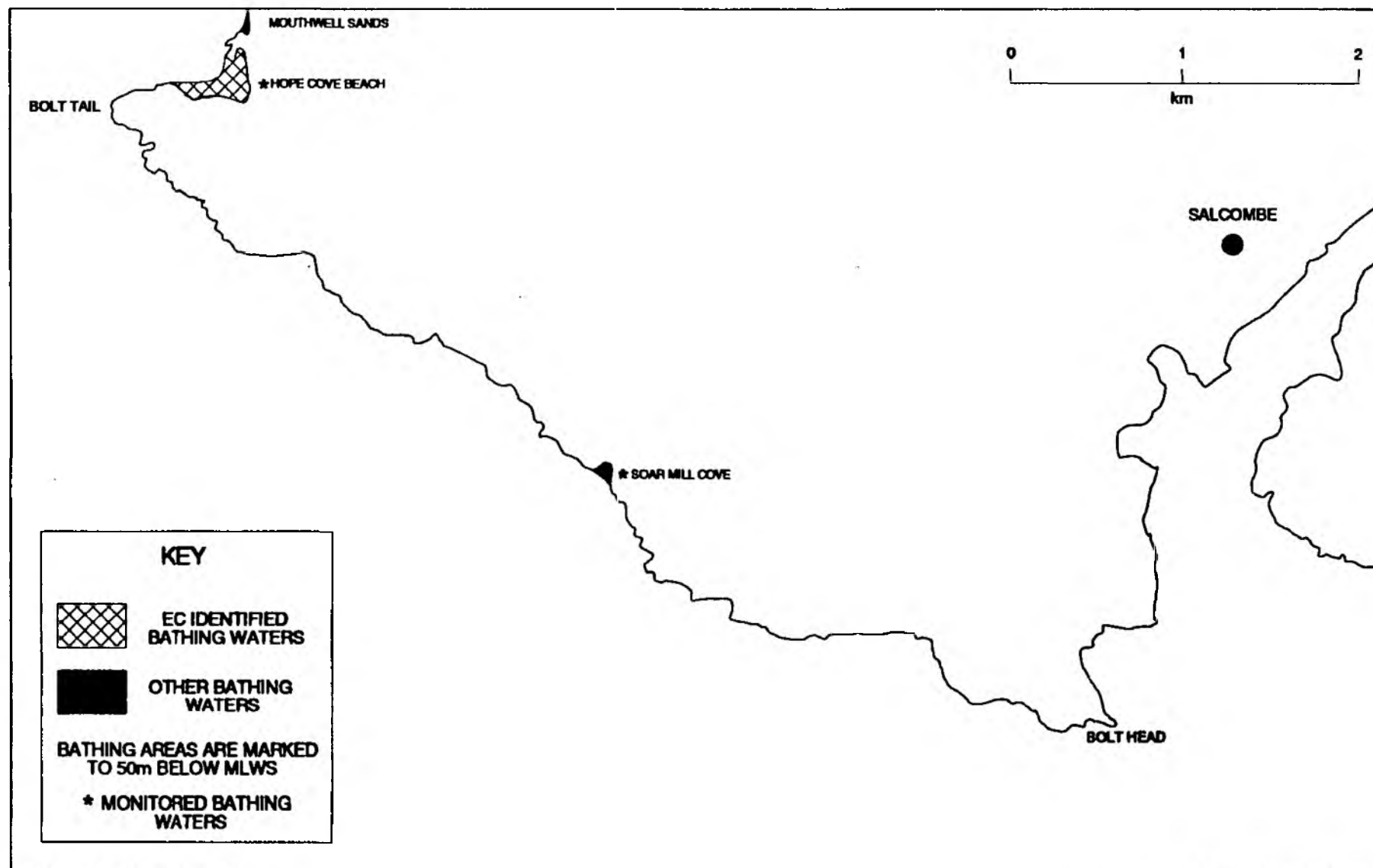
BOLT HEAD TO BOLT TAIL - WATER CONTACT SPORTS



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VERSION: 1 JULY 1992

BOLT HEAD TO BOLT TAIL - BATHING WATERS



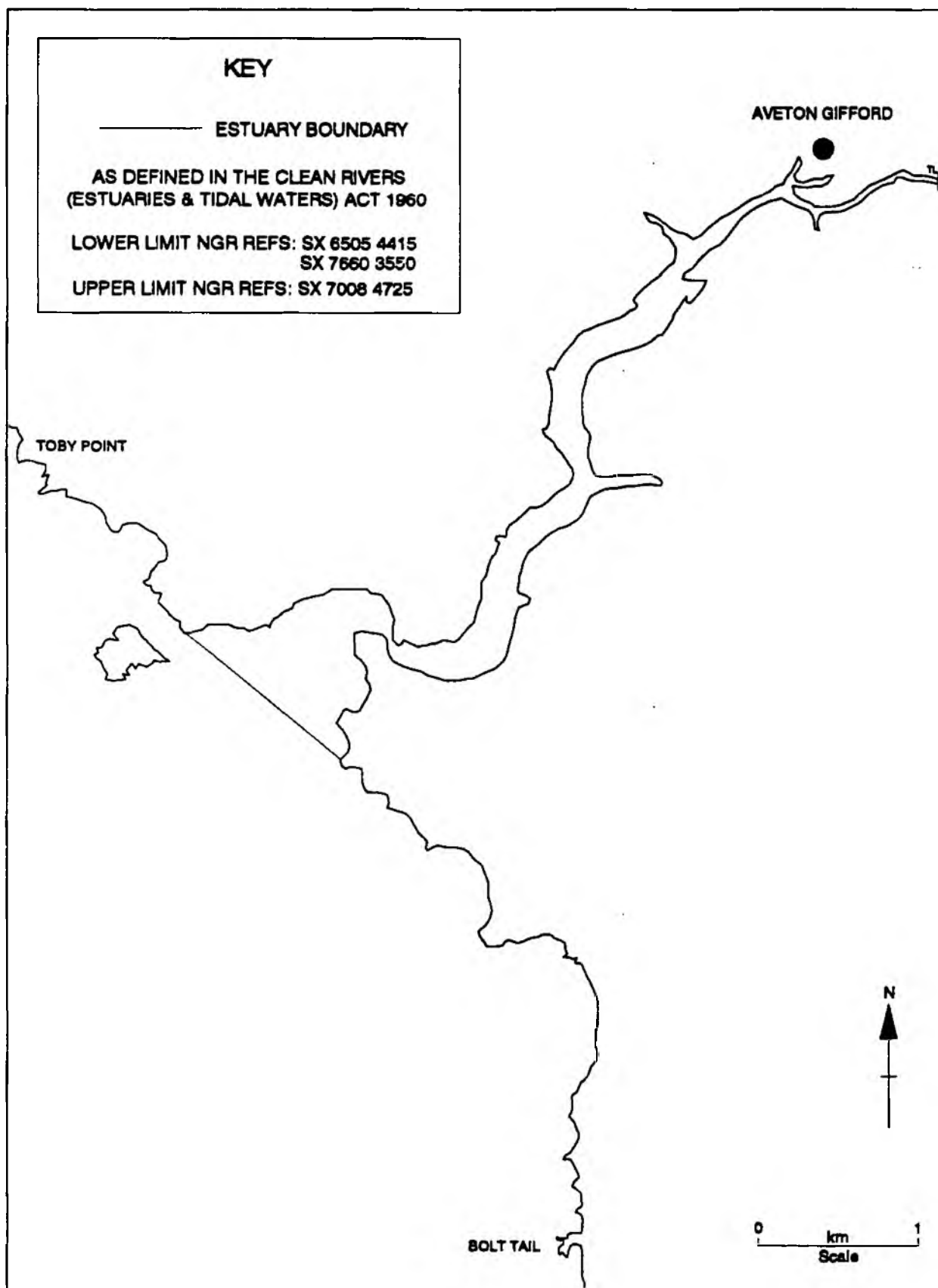
N.R.A. - SOUTH WEST REGION

VERSION: 1 JULY 1992

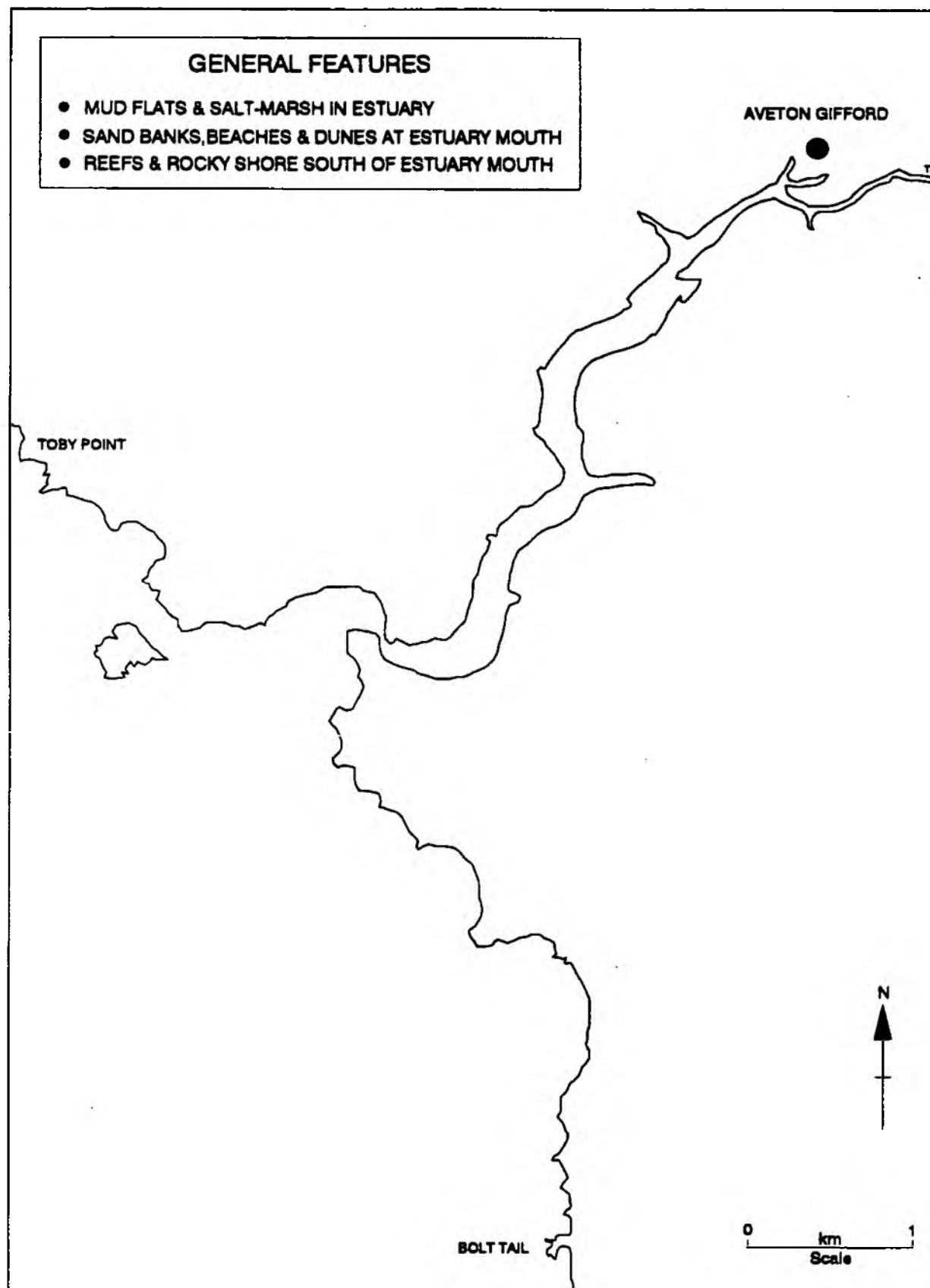
TITLE: NATIONAL RIVERS AUTHORITY - SOUTH WEST REGION IDENTIFIED USES OF TIDAL WATERS
 LAST UPDATE 16.12.92
 VERSION: 2

		OBJECTIVES					
MAP NO	MAP TITLE	CATCHMENT AREAS & NGR BOUNDARIES	GENERAL ECOSYSTEM	SPECIAL ECOSYSTEM	MIGRATORY FISH	COMMERCIAL FISH	SHELL FISH
13	Avon Estuary (Bolt Tail to Toby Point)	8a = SX 888495 SX 621458	General Features	Heritage Coast AONB Ancient Monuments	Entire area	Herring, Bass, Eel & Mullet nets Fixed Surface Nets Bass Nursery Area boundary from Warren Point at Bigbury on Sea to Burgh Island & from the most southerly tip of Burgh Island a 090 line to the coast Trawling all year round Tangle Net Small Fishing Industry off Hopes Cove Sea Fish Seining	Oysters Crabs & Lobster Pots

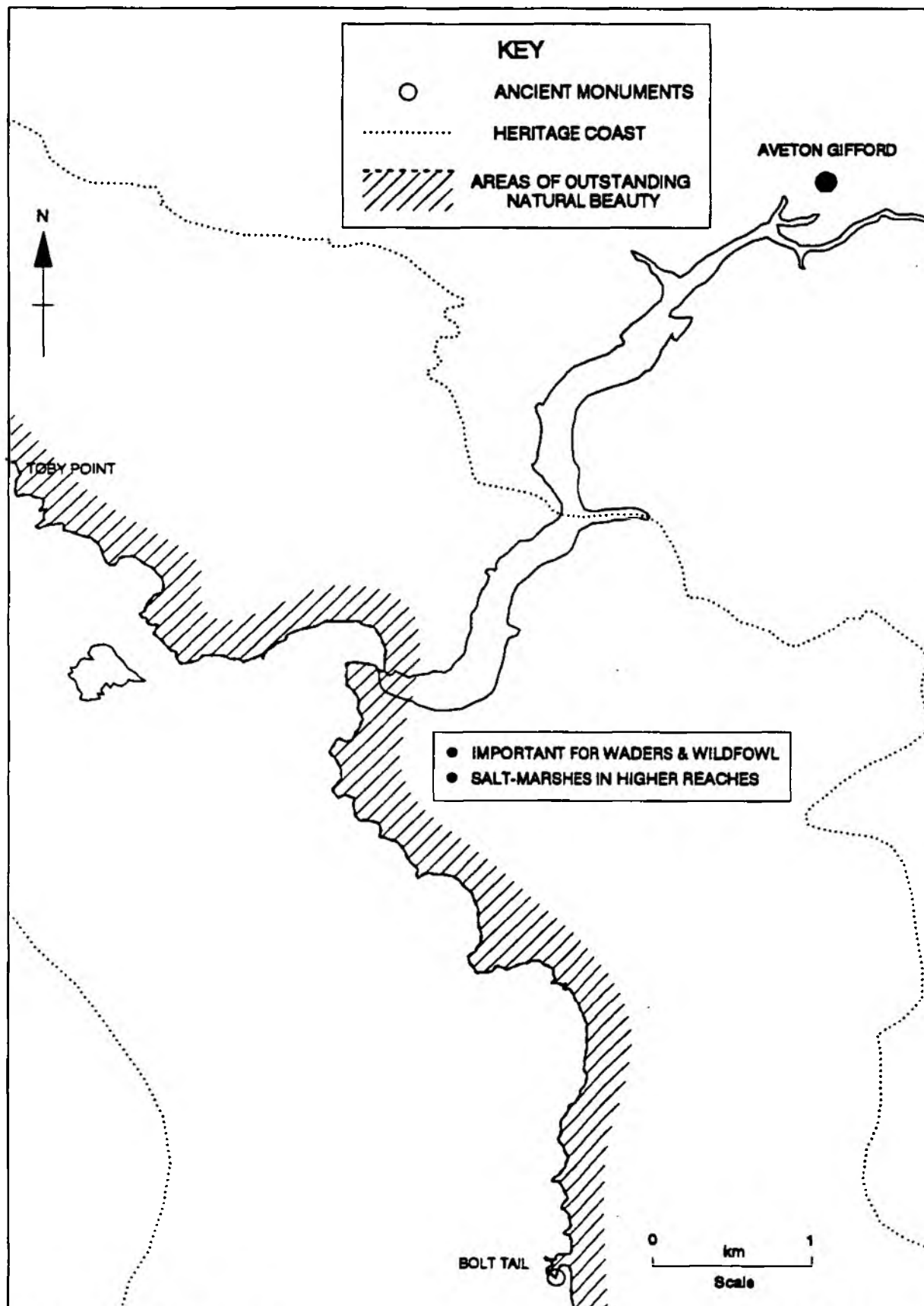
**AVON ESTUARY - BOLT TAIL TO TOBY POINT
ESTUARY BOUNDARY**



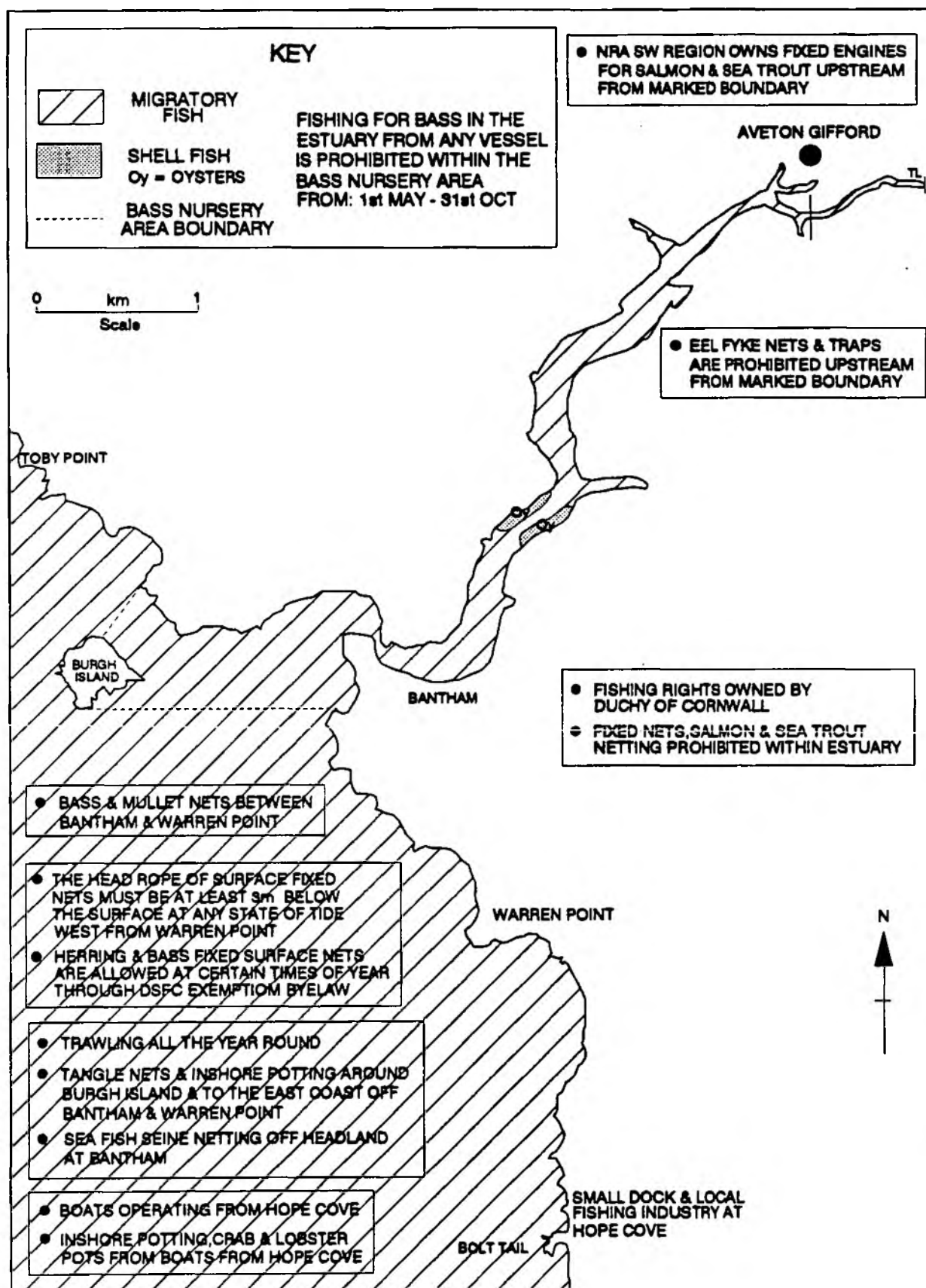
**AVON ESTUARY - BOLT TAIL TO TOBY POINT
GENERAL ECOSYSTEM CONSERVATION**



**AVON ESTUARY - BOLT TAIL TO TOBY POINT
SPECIAL ECOSYSTEM CONSERVATION**



AVON ESTUARY - BOLT TAIL TO TOBY POINT - FISH

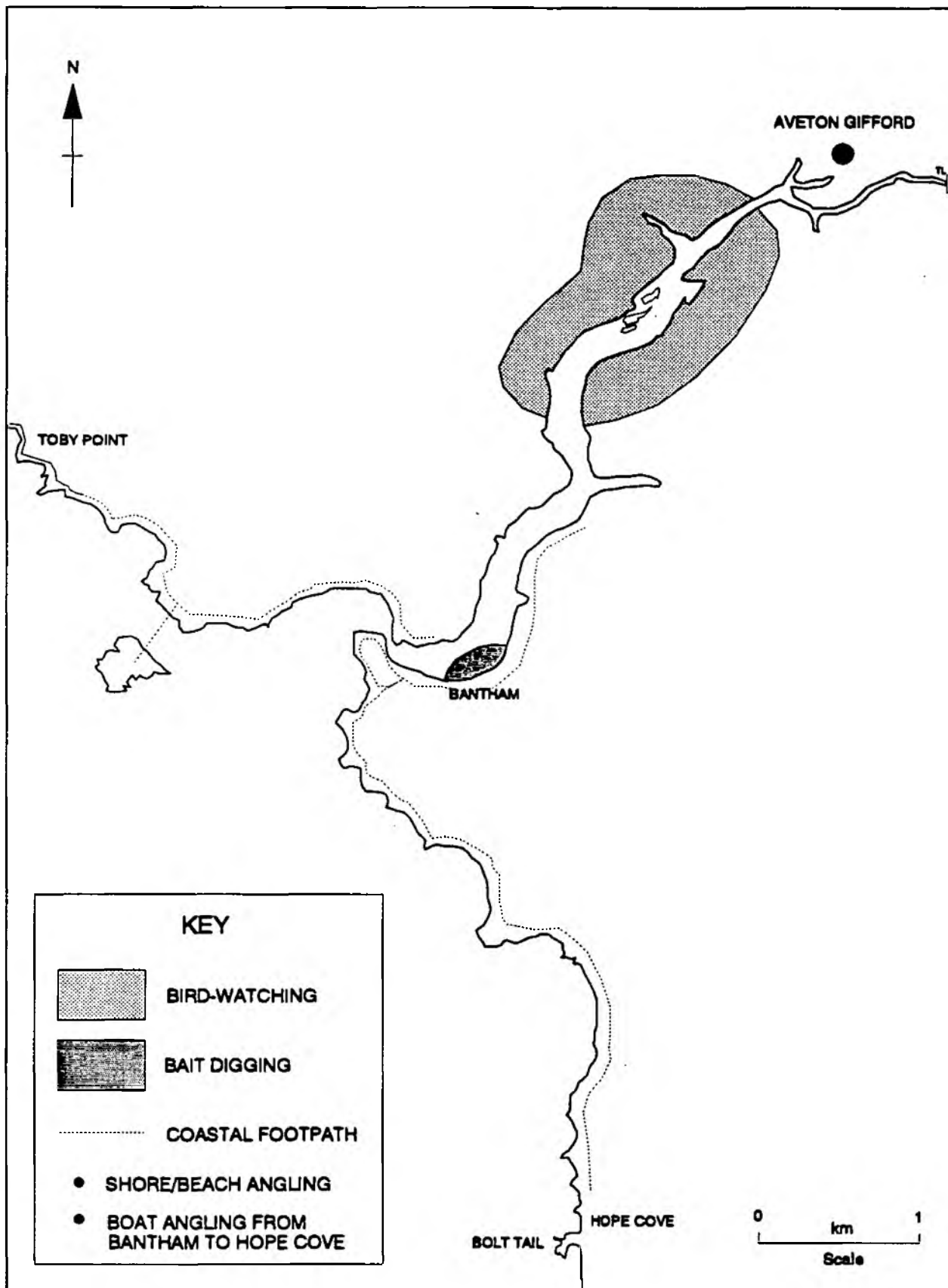


TITLE: NATIONAL RIVERS AUTHORITY - SOUTH WEST REGION
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 VERSION: 2

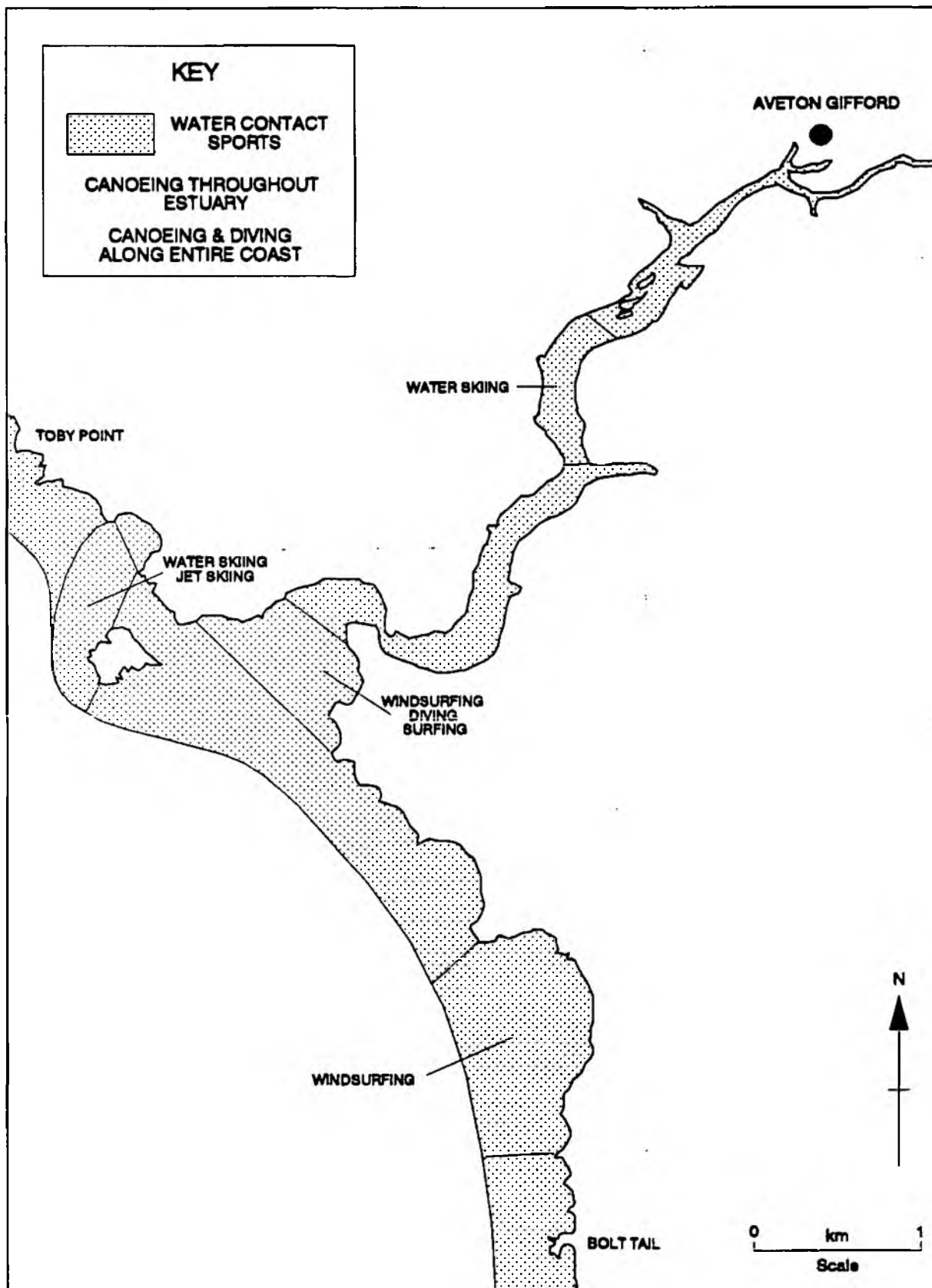
IDENTIFIED USES OF TIDAL WATERS

		OBJECTIVES						
MAP NO	MAP TITLE	BASIC AMENITIES	WATER CONTACT SPORTS	(1)	BATHING WATERS	(2)	INDUSTRY	EMERGENCY SERVICES
13	Avon Estuary (Bolt Tail to Toby Point)	Bird-Watching Bait Digging Coastal Footpath Beach Fishing Boat Angling	Windsurfing Water Skiing Canoeing Diving Surfing Jet Skiing	V V V V V	Hope Cove Beach Thurlestone(South)Beach Thurlestone(North)Beach Bantham Beach Bigbury on Sea(South)Beach Bigbury on Sea(North)Beach Challaborough Beach Mouthwell Sands The Delves Beach	ECN ECN ECN ECN ECN ECN		

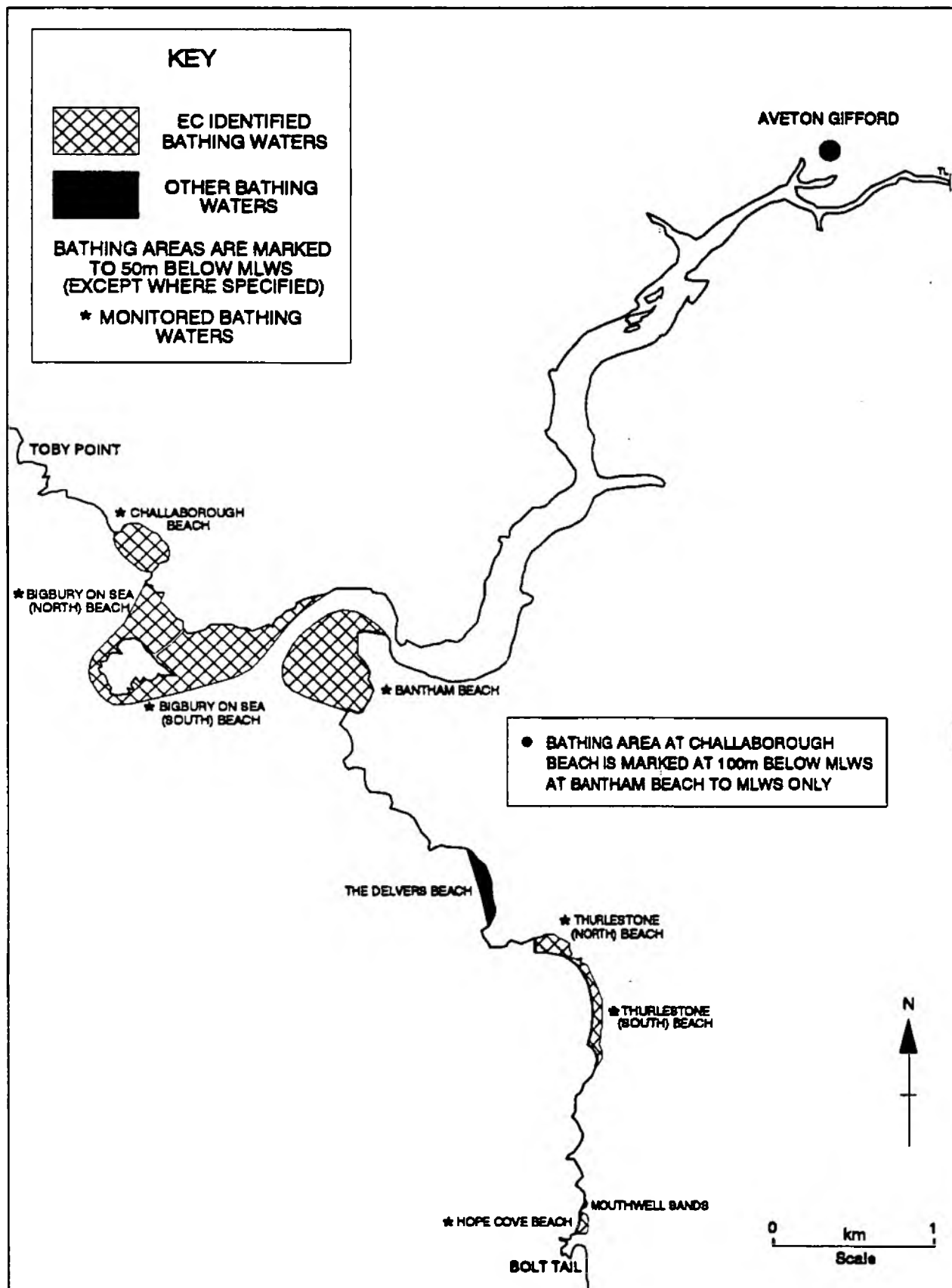
AVON ESTUARY - BOLT TAIL TO TOBY POINT - BASIC AMENITIES



AVON ESTUARY - BOLT TAIL TO TOBY POINT - WATER CONTACT SPORTS



AVON ESTUARY - BOLT TAIL TO TOBY POINT - BATHING WATERS

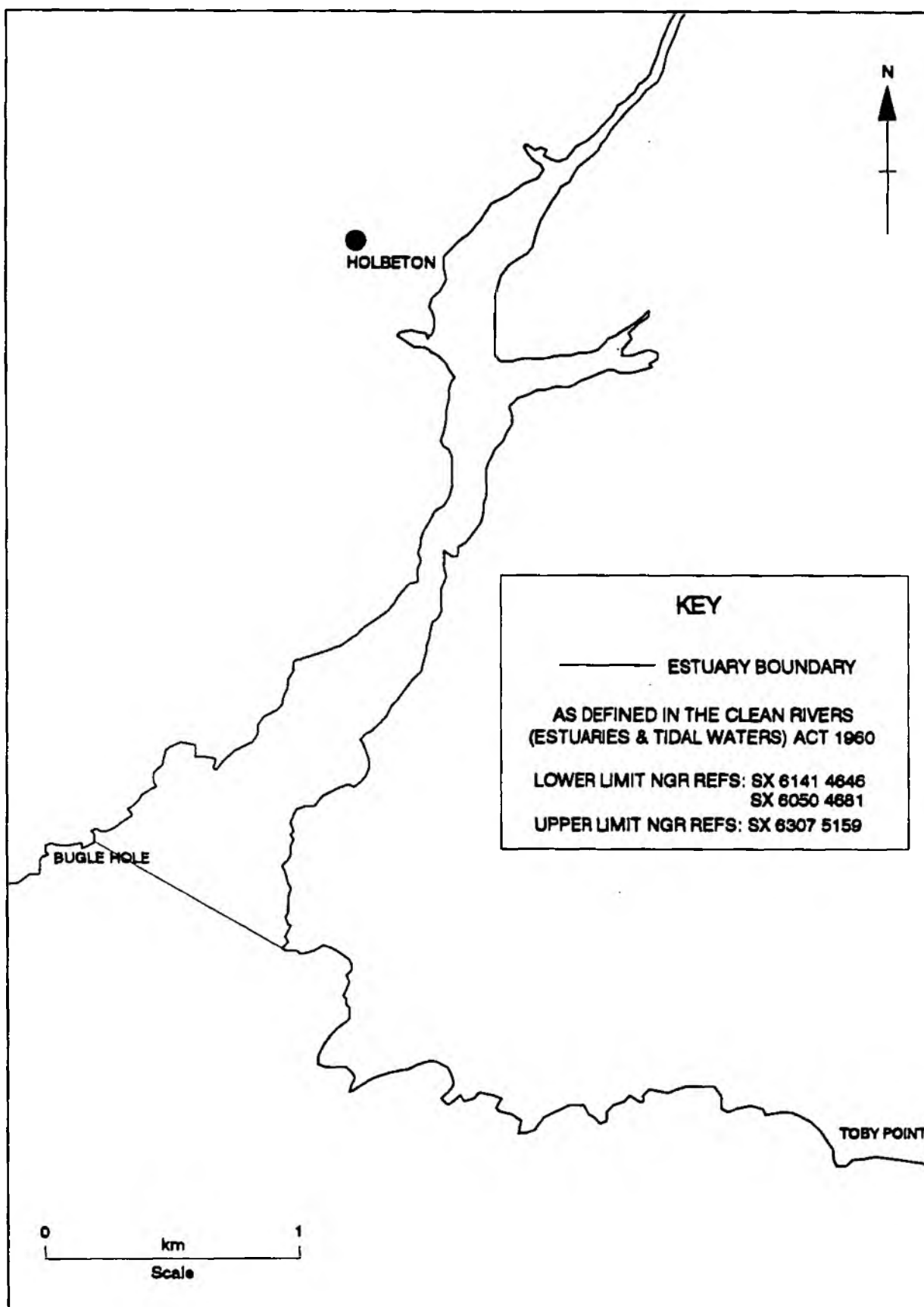


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 LAST UPDATE 16.12.92
 VERSION: 2

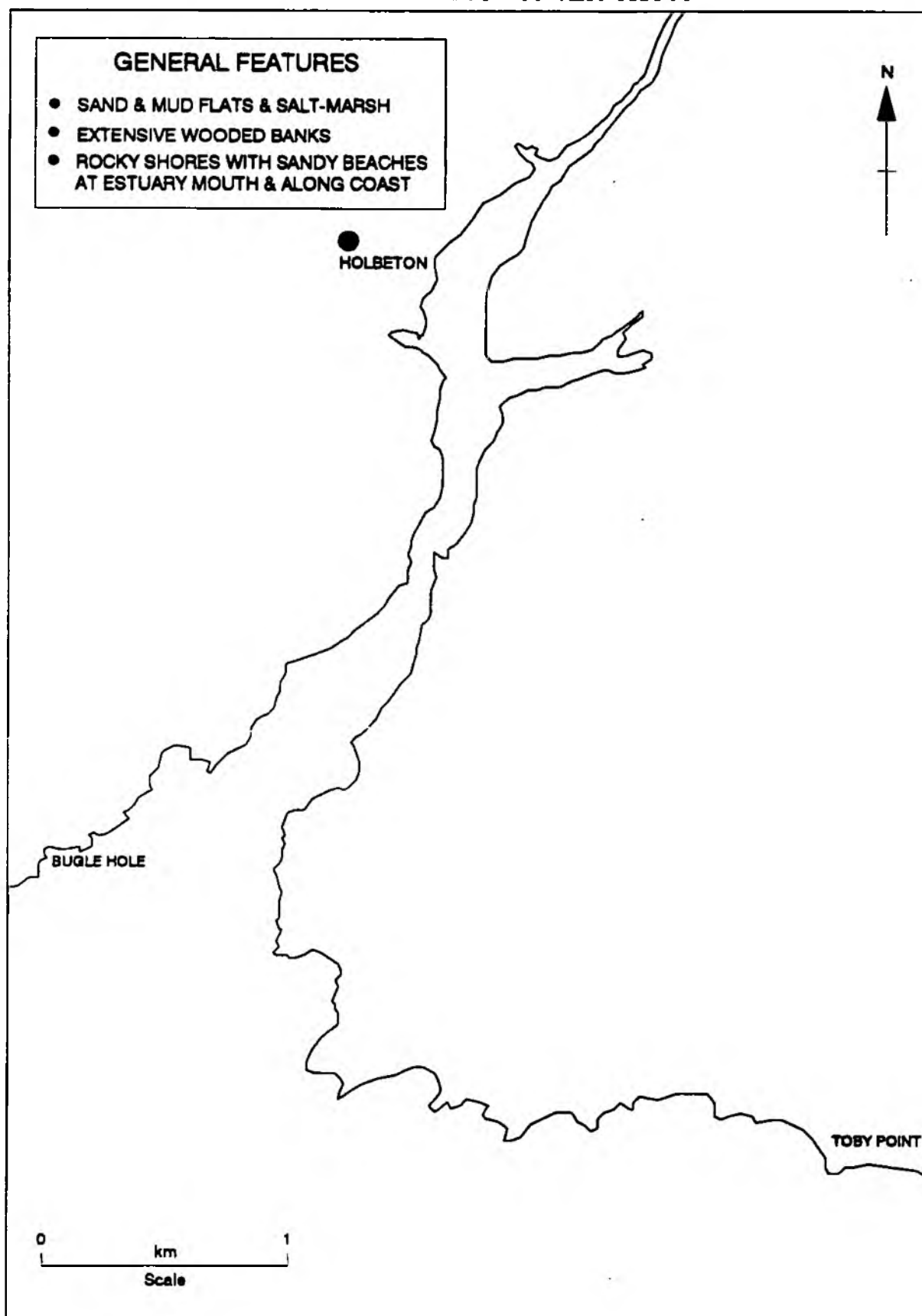
IDENTIFIED USES OF TIDAL WATERS

		OBJECTIVES					
MAP NO	MAP TITLE	CATCHMENT AREAS & NGR BOUNDARIES	GENERAL ECOSYSTEM	SPECIAL ECOSYSTEM	MIGRATORY FISH	COMMERCIAL FISH	SHELL FISH
14	Erme Estuary (Toby Point to Bugle Hole)	8a = SX 888495 SX 621458 9a = SX 621458 SX 605468	General Features	Heritage Coast AONB SSSI	Entire area	Sand Eel & Bait Digging Herring, Bass & Eel Netting Netting for Ray & Bait Fish Trawling all year Fixed Surface Nets	Inshore Potting

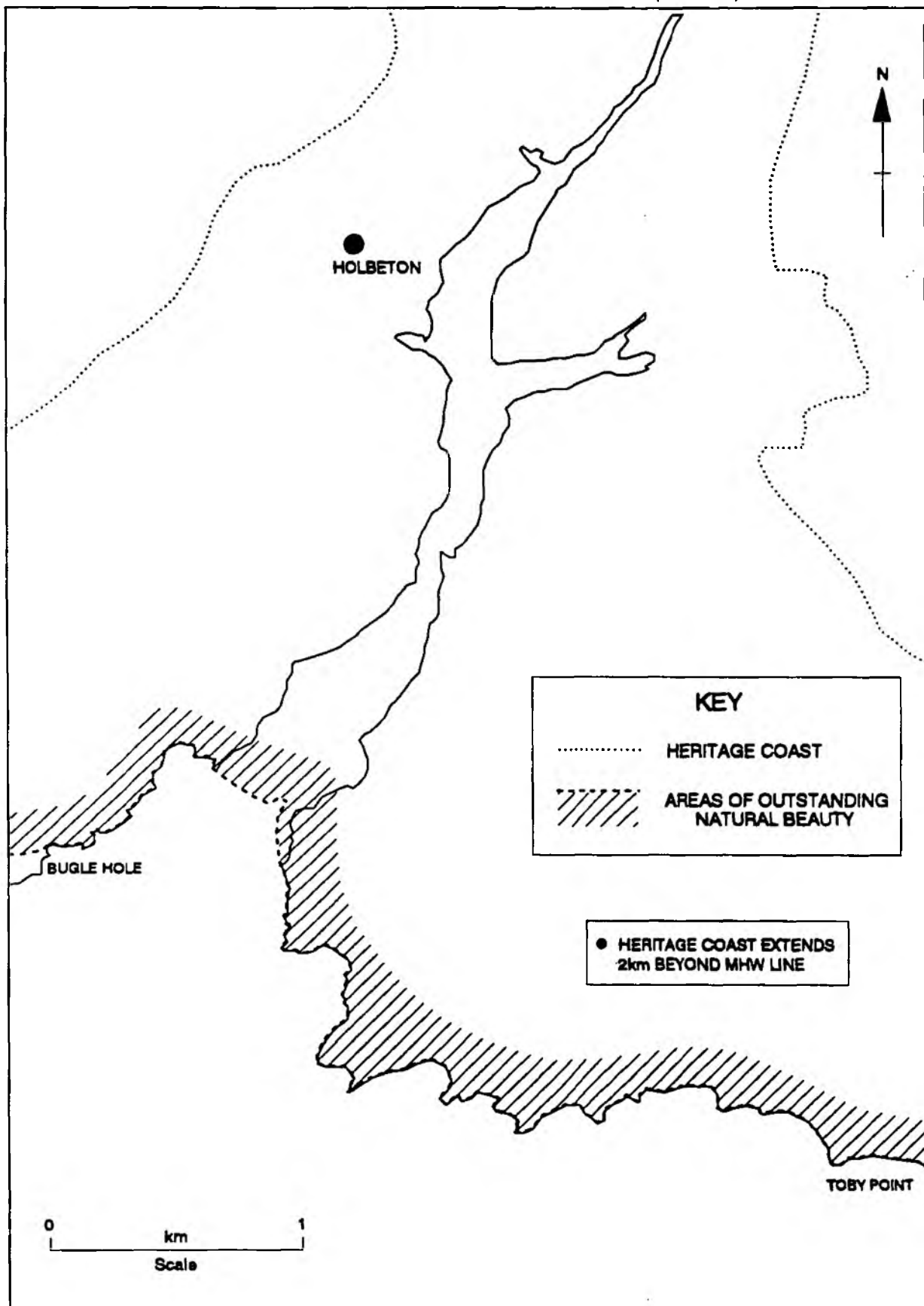
**ERME ESTUARY - TOBY POINT TO BUGLE HOLE
ESTUARY BOUNDARY**



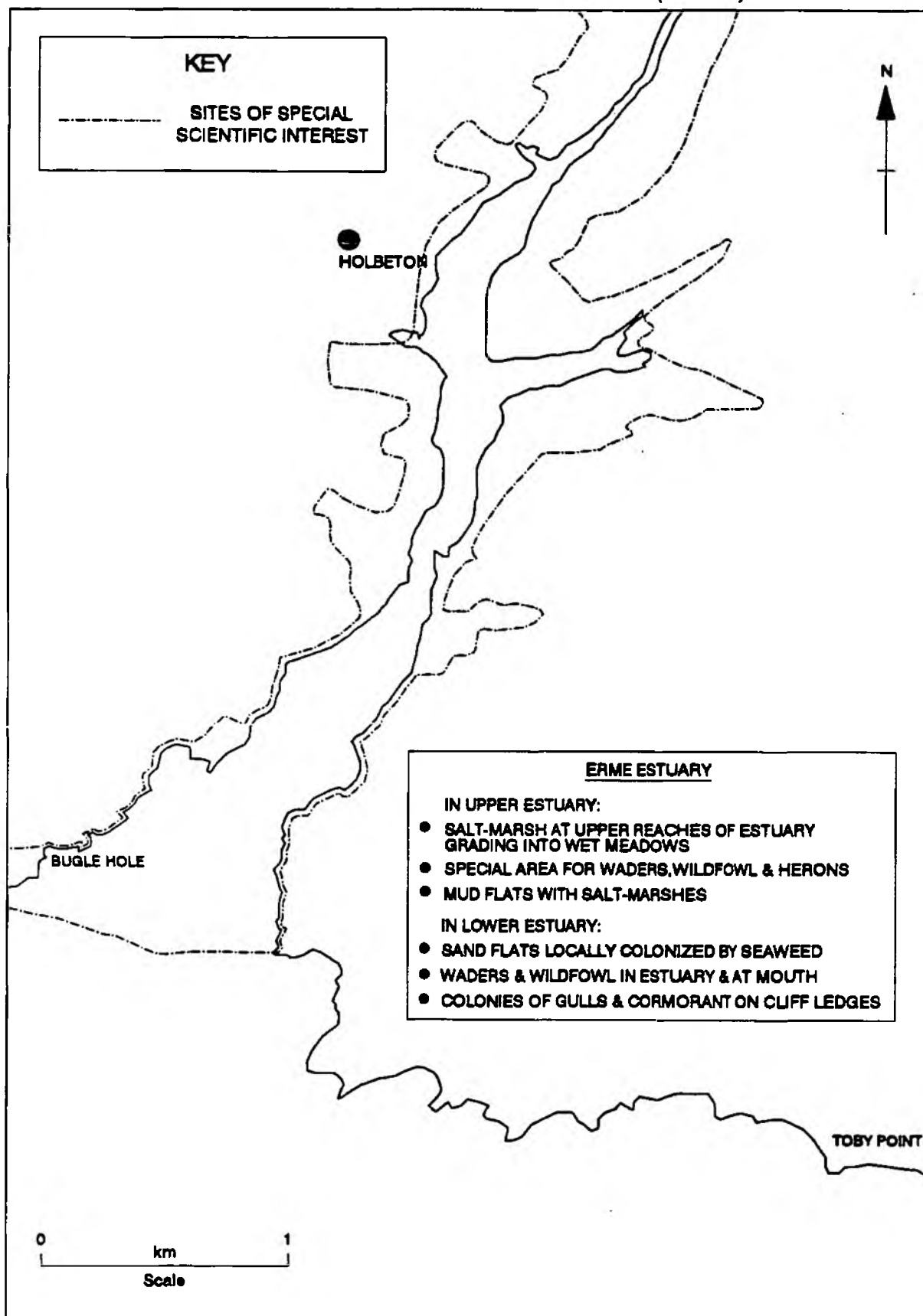
**ERME ESTUARY - TOBY POINT TO BUGLE HOLE
GENERAL ECOSYSTEM CONSERVATION**



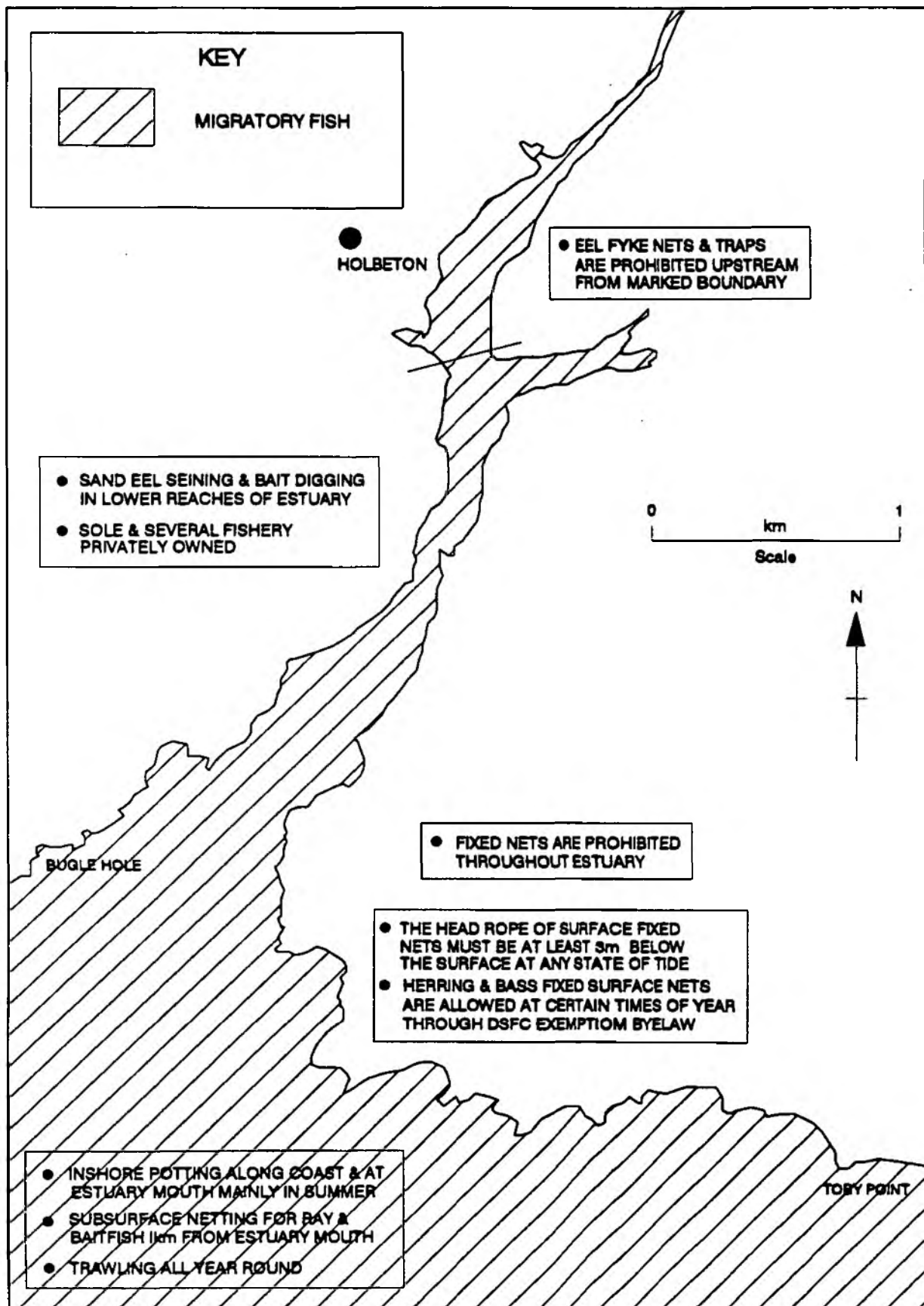
**ERME ESTUARY - TOBY POINT TO BUGLE HOLE
SPECIAL ECOSYSTEM CONSERVATION (MAP 1)**



**ERME ESTUARY - TOBY POINT TO BUGLE HOLE
SPECIAL ECOSYSTEM CONSERVATION (MAP 2)**



ERME ESTUARY - TOBY POINT TO BUGLE HOLE - FISH

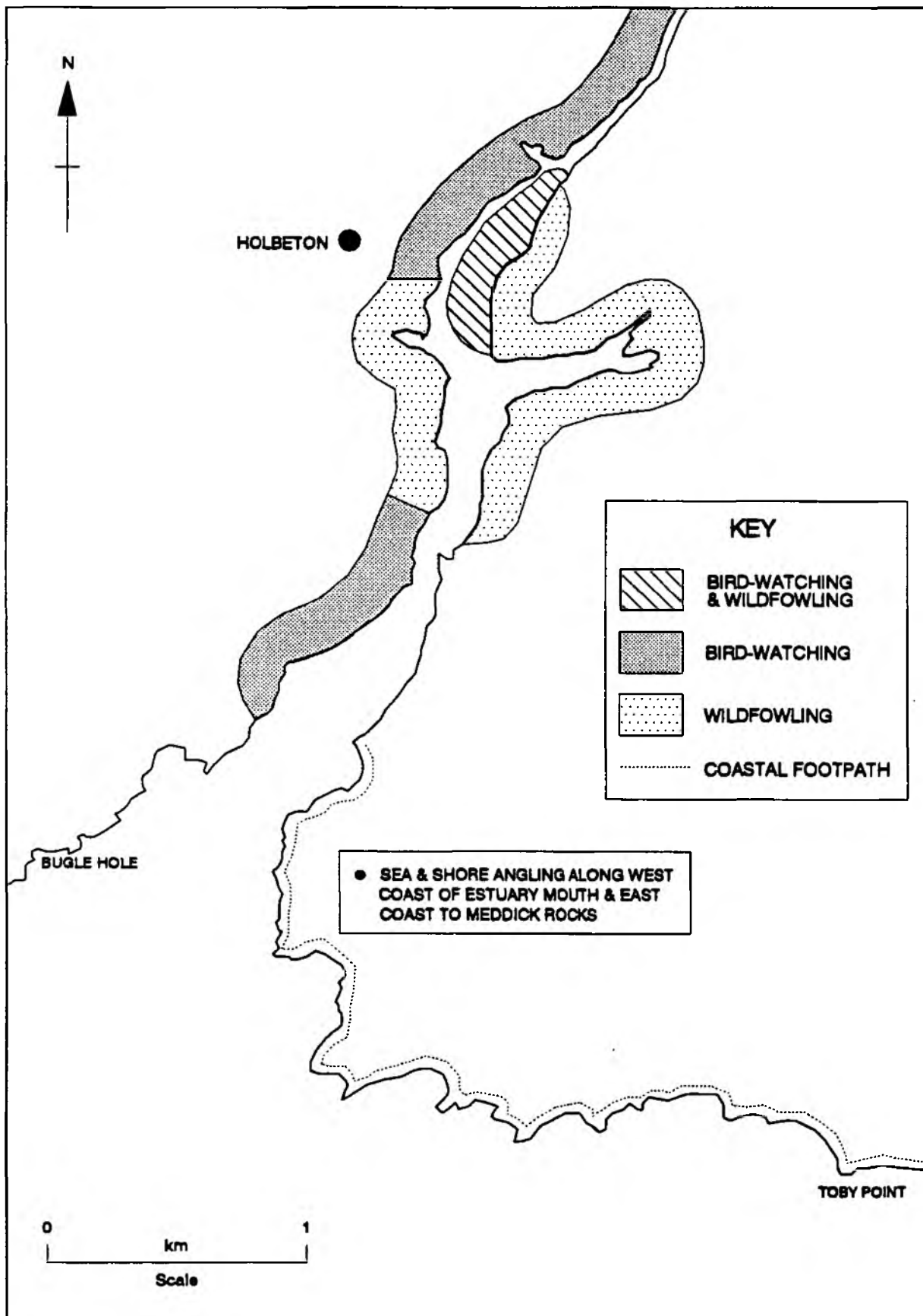


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 LAST UPDATE 16.12.92
 VERSION: 2

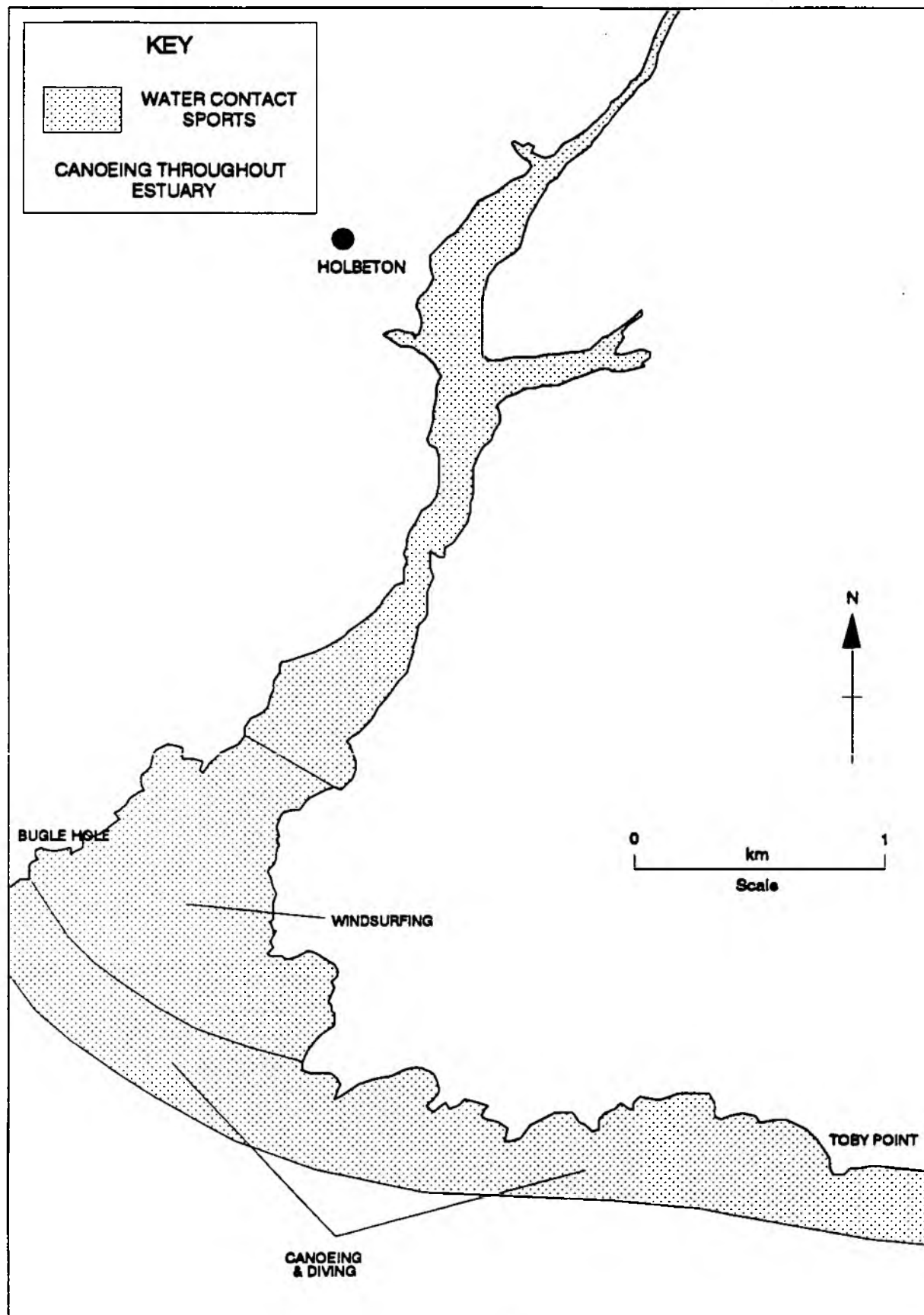
IDENTIFIED USES OF TIDAL WATERS

		OBJECTIVES						
MAP NO	MAP TITLE	BASIC AMENITIES	WATER CONTACT SPORTS	(1)	BATHING WATERS	(2)	INDUSTRY	EMERGENCY SERVICES
14	Erme Estuary (Toby Point to Bugle Hole)	Bird-Watching Wildfowling Coastal Footpath Sea & Shore Angling at Estuary Mouth	Windsurfing Canoeing Diving	F F V	Wonwell Beach Mothecombe Beach (Private) Mothecombe Beach	M ECM		

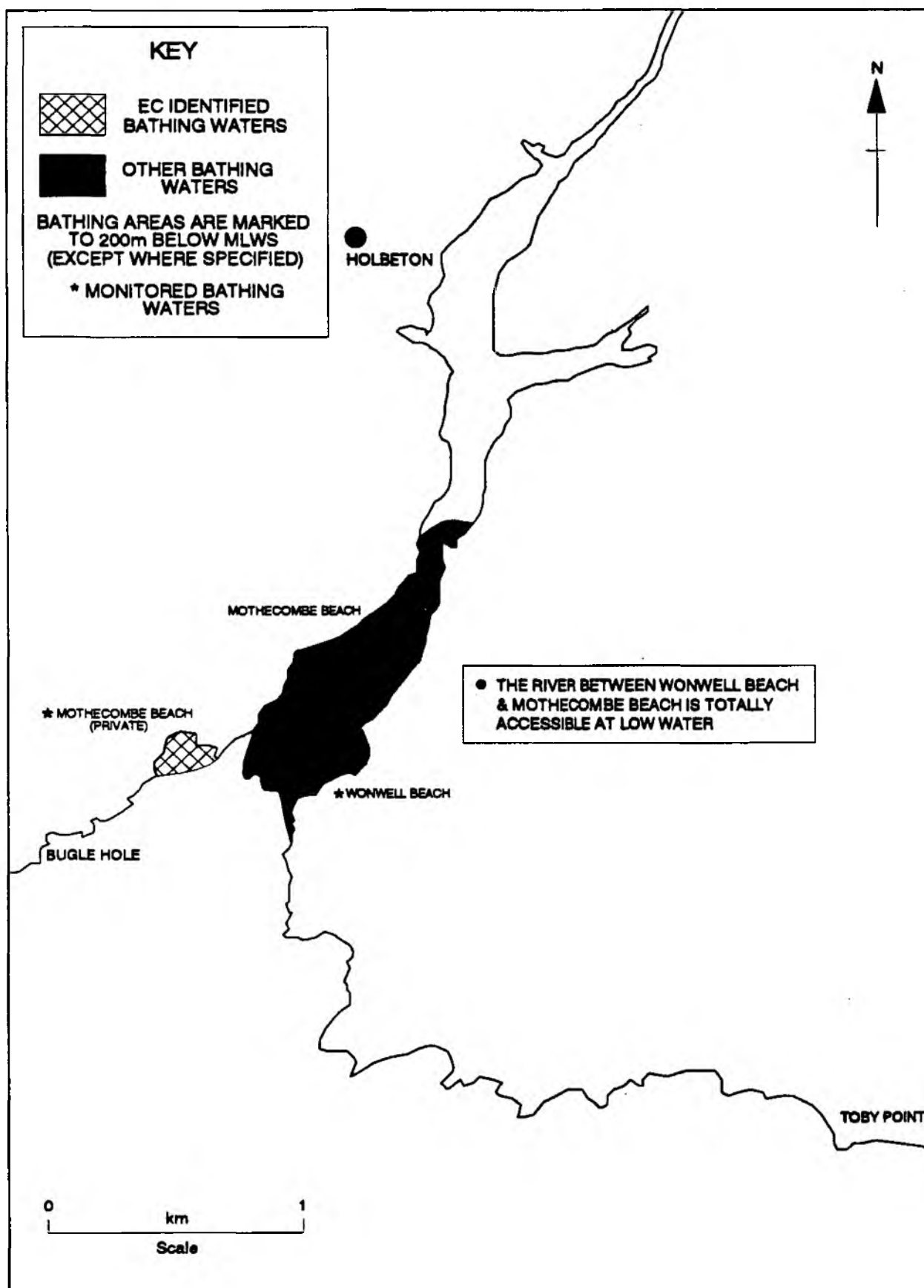
ERME ESTUARY - TOBY POINT TO BUGLE HOLE - BASIC AMENITIES



ERME ESTUARY - TOBY POINT TO BUGLE HOLE - WATER CONTACT SPORTS



ERME ESTUARY - TOBY POINT TO BUGLE HOLE - BATHING WATERS

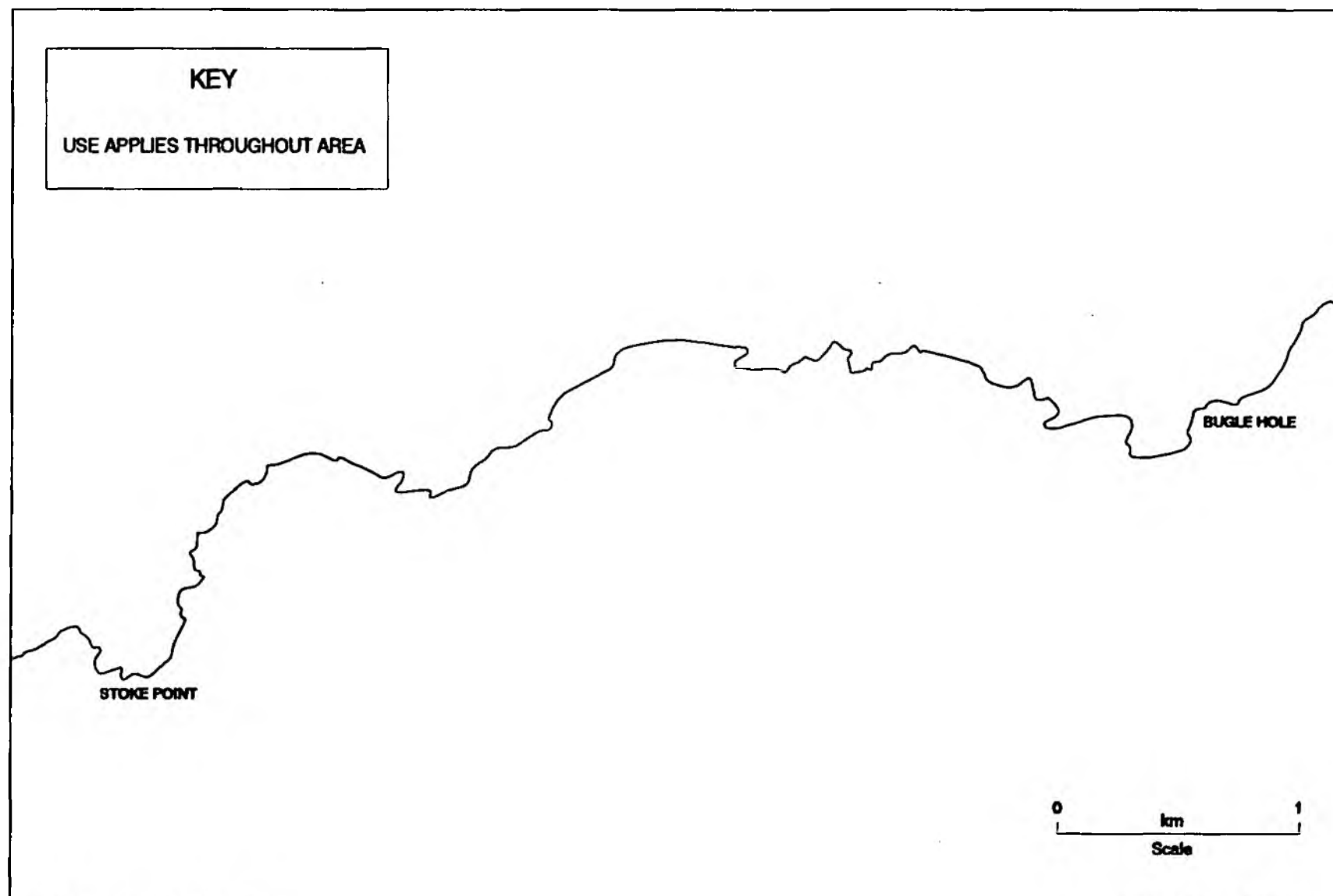


TITLE: NATIONAL RIVERS AUTHORITY - SOUTH WEST REGION
 LAST UPDATE 16.12.92
 VERSION: 2

IDENTIFIED USES OF TIDAL WATERS

		OBJECTIVES					
MAP NO	MAP TITLE	CATCHMENT AREAS & NGR BOUNDARIES	GENERAL ECOSYSTEM	SPECIAL ECOSYSTEM	MIGRATORY FISH	COMMERCIAL FISH	SHELL FISH
15	Bugle Hole to Stoke Point	10a = SX 605468 SX 485534	Entire area	Heritage Coast AONB SSSI	Entire area	Trawling all year round Herring & Bass Nets Fixed Surface Nets	Inshore Potting

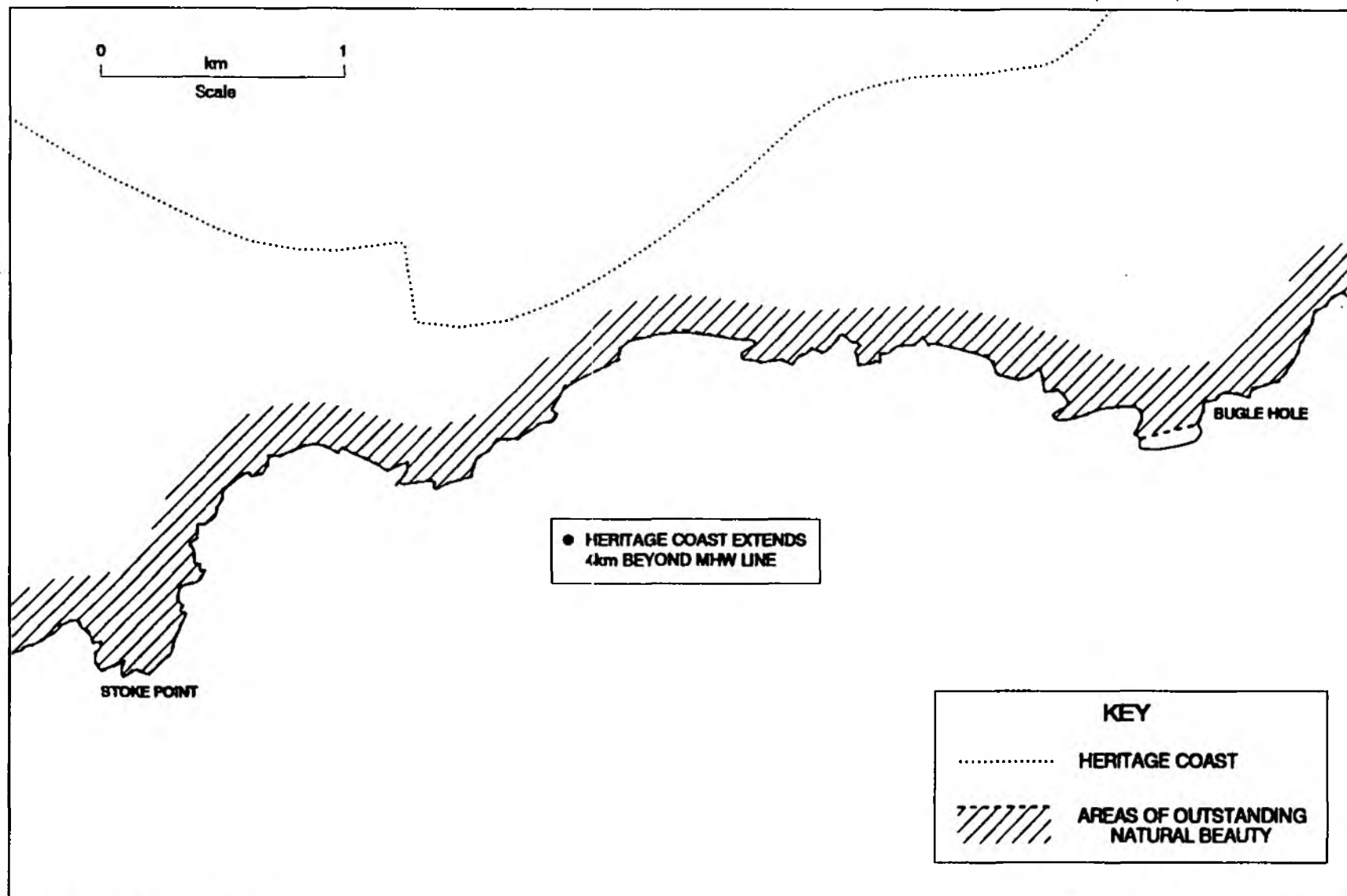
BUGLE HOLE TO STOKE POINT - GENERAL ECOSYSTEM CONSERVATION



N.R.A. - SOUTH WEST REGION

VERSION: 1 JULY 1992

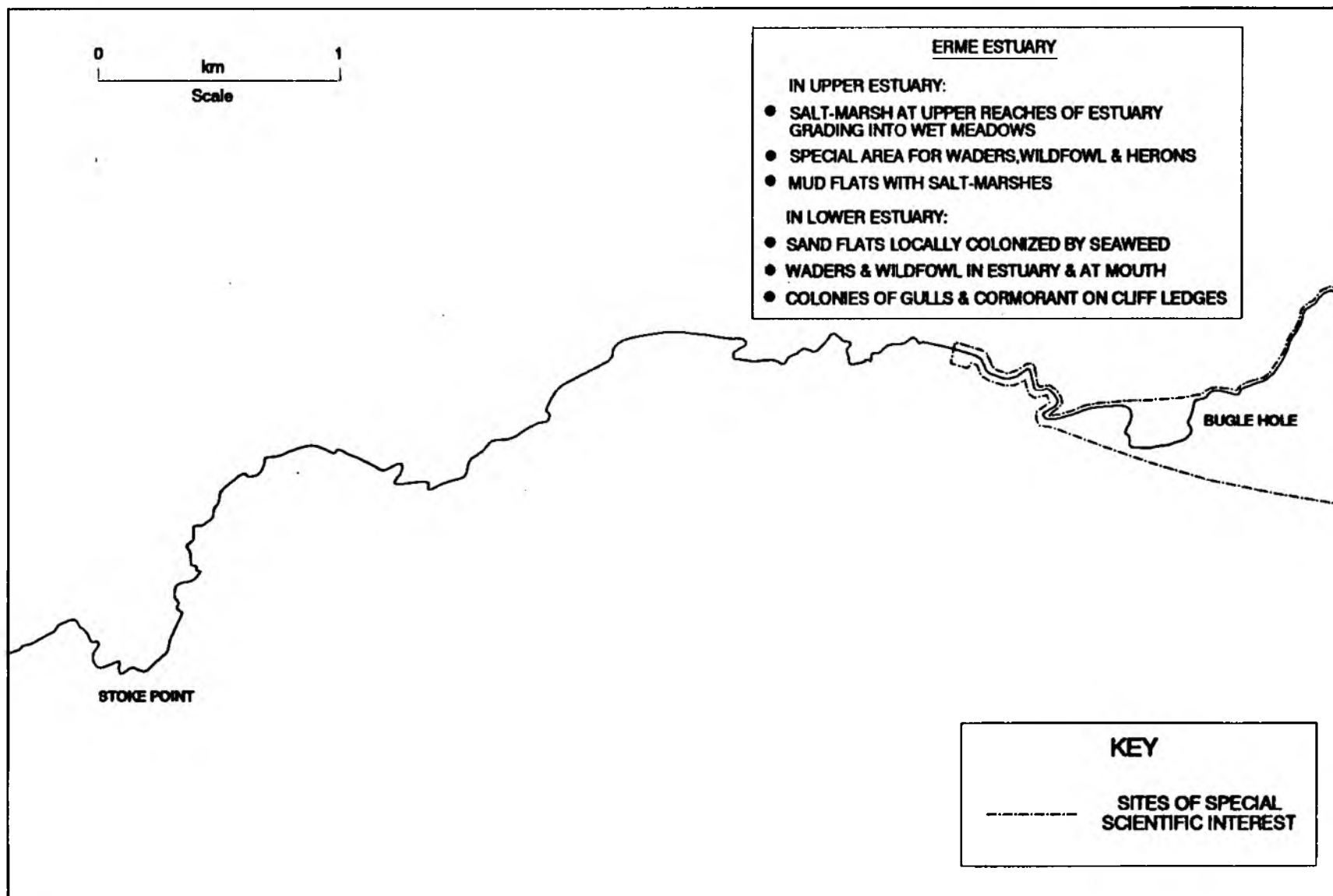
BUGLE HOLE TO STOKE POINT - SPECIAL ECOSYSTEM CONSERVATION (MAP 1)



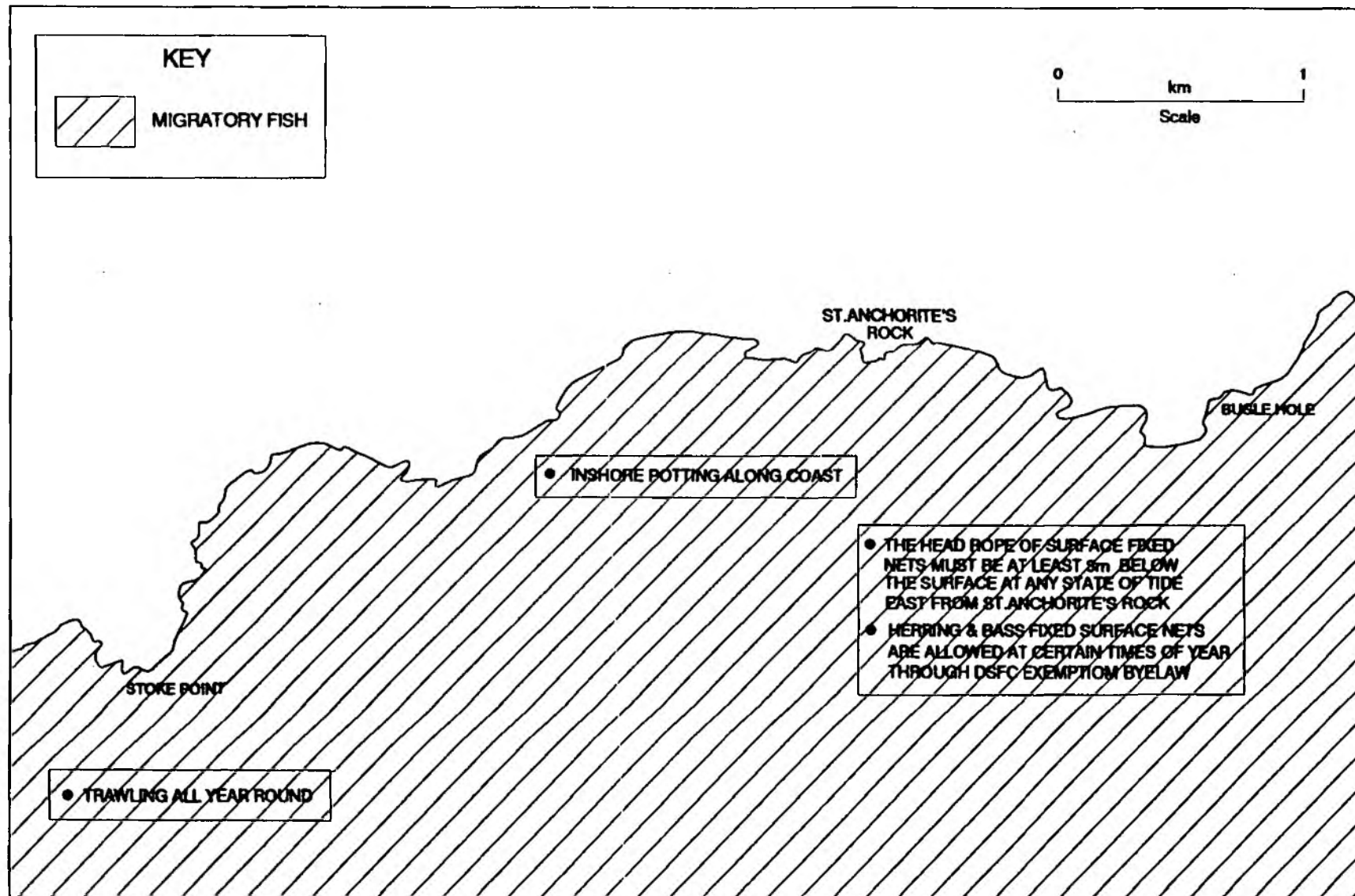
N.R.A. - SOUTH WEST REGION

VERSION: 1 JULY 1992

BUGLE HOLE TO STOKE POINT - SPECIAL ECOSYSTEM CONSERVATION (MAP 2)



BUGLE HOLE TO STOKE POINT - FISH



N.R.A. - SOUTH WEST REGION

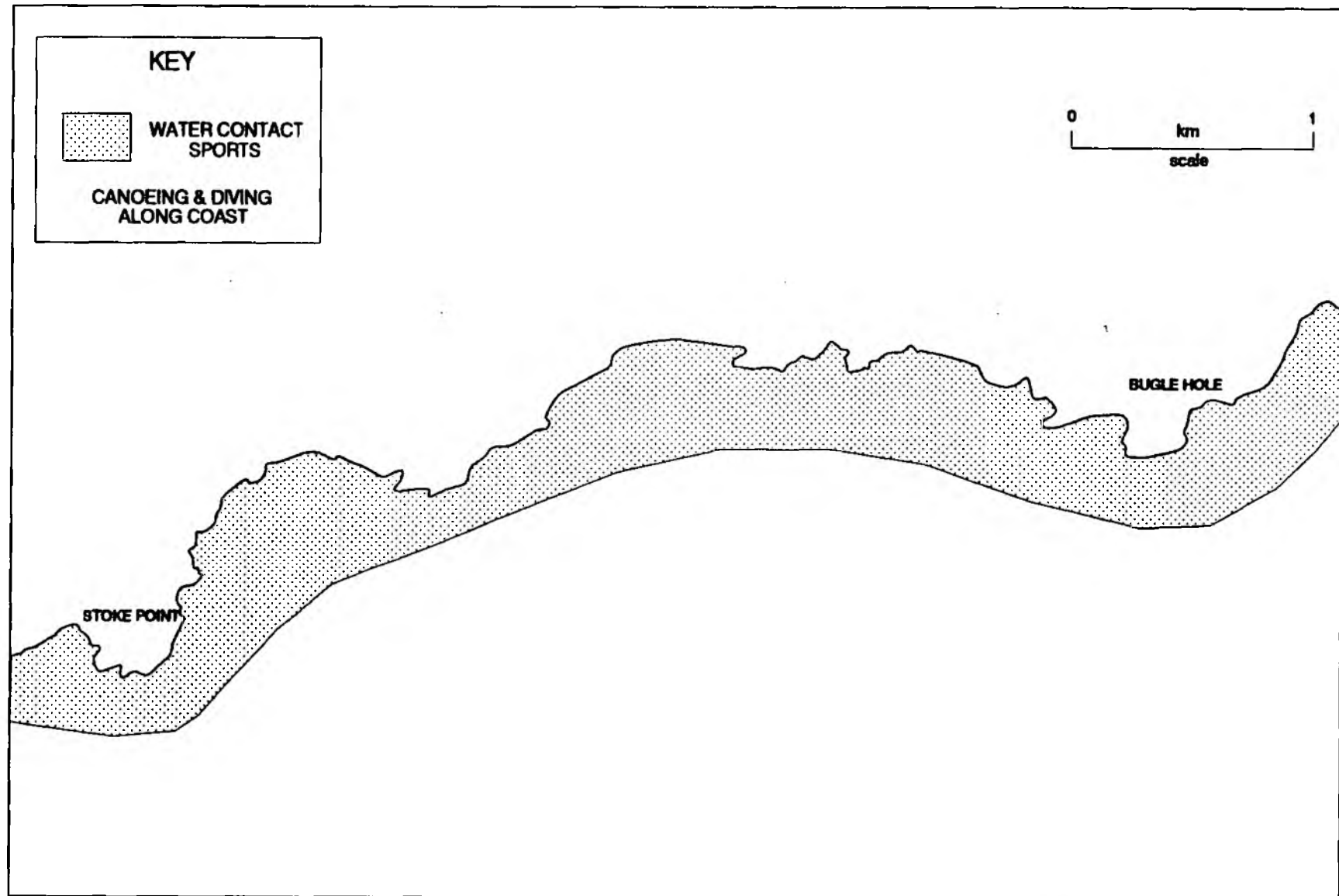
VERSION: 2 OCT 1992

TITLE: NATIONAL RIVERS AUTHORITY - SOUTH WEST REGION
 LAST UPDATE 16.12.92
 VERSION: 2

IDENTIFIED USES OF TIDAL WATERS

		OBJECTIVES						
MAP NO	MAP TITLE	BASIC AMENITIES	WATER CONTACT SPORTS	(1)	BATHING WATERS	(2)	INDUSTRY	EMERGENCY SERVICES
15	Bugle Hole to Stoke Point	Coastal Footpath (No map)	Canoeing Diving	I V	Stoke Beach	M		

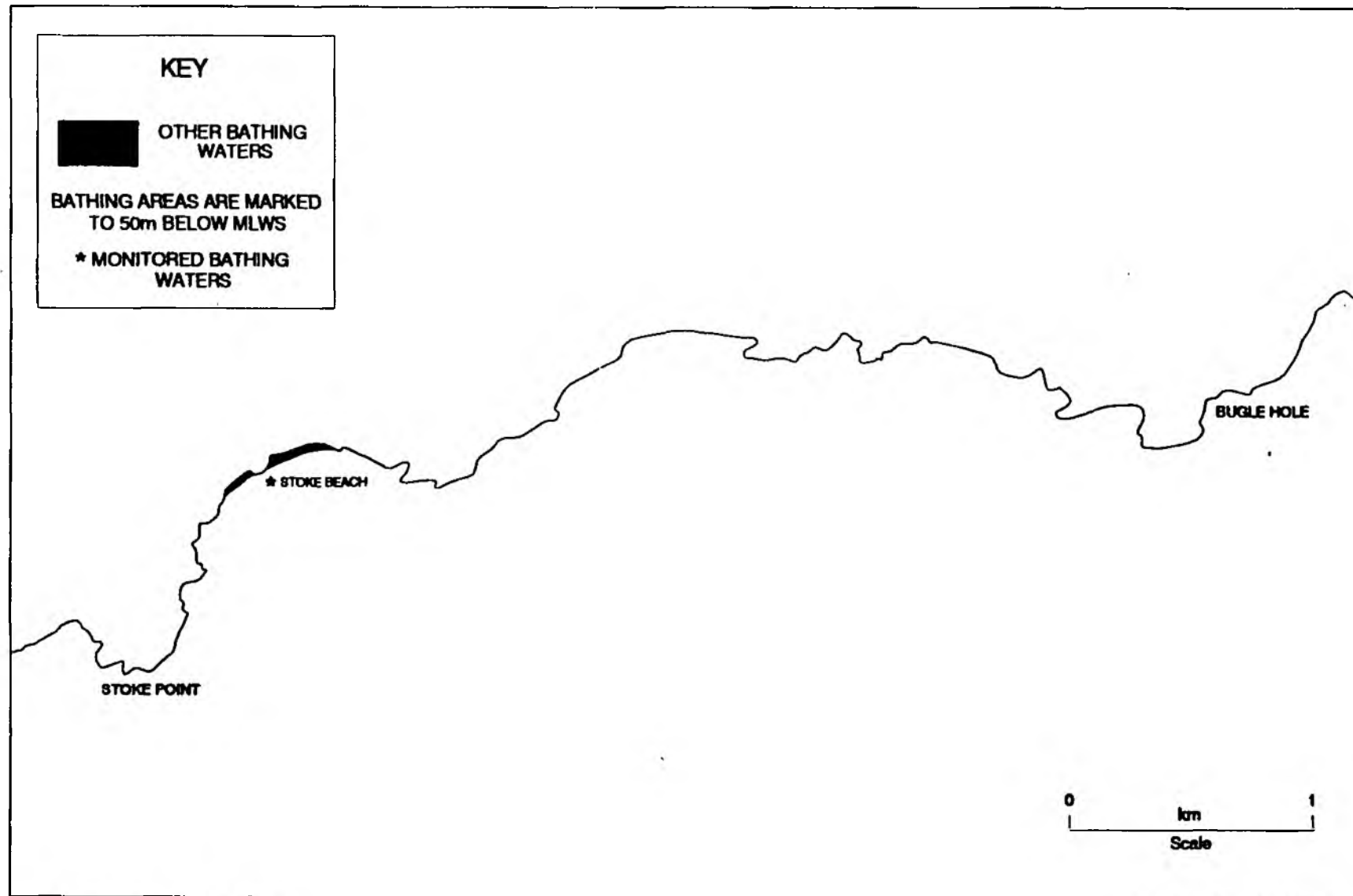
BUGLE HOLE TO STOKE POINT - WATER CONTACT SPORTS



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VERSION: 1 JULY 1992

BUGLE HOLE TO STOKE POINT - BATHING WATERS



N.R.A. - SOUTH WEST REGION

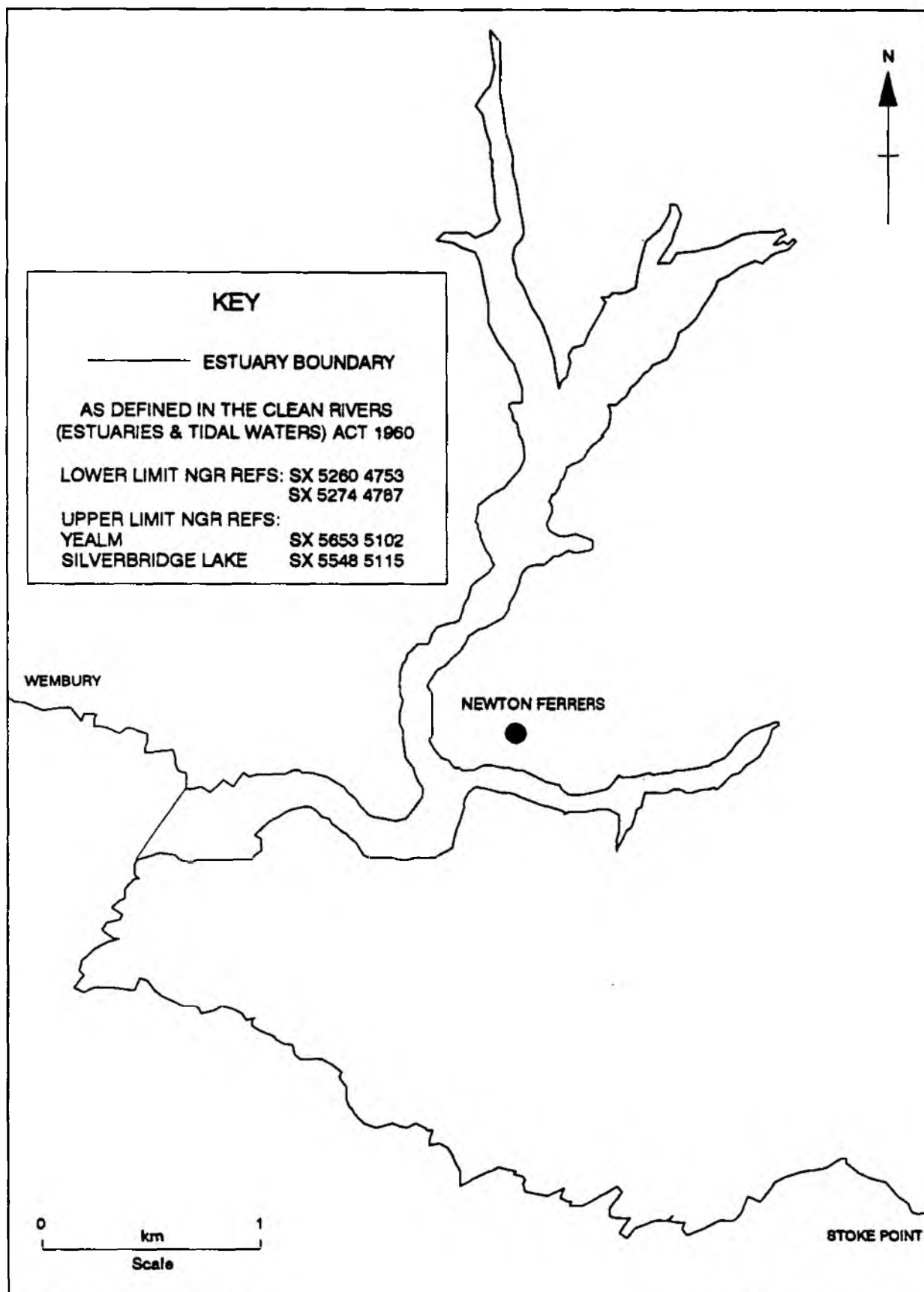
VERSION: 1 JULY 1992

TITLE: NATIONAL RIVERS AUTHORITY - SOUTH WEST REGION
 LAST UPDATE 16.12.92
 VERSION: 2

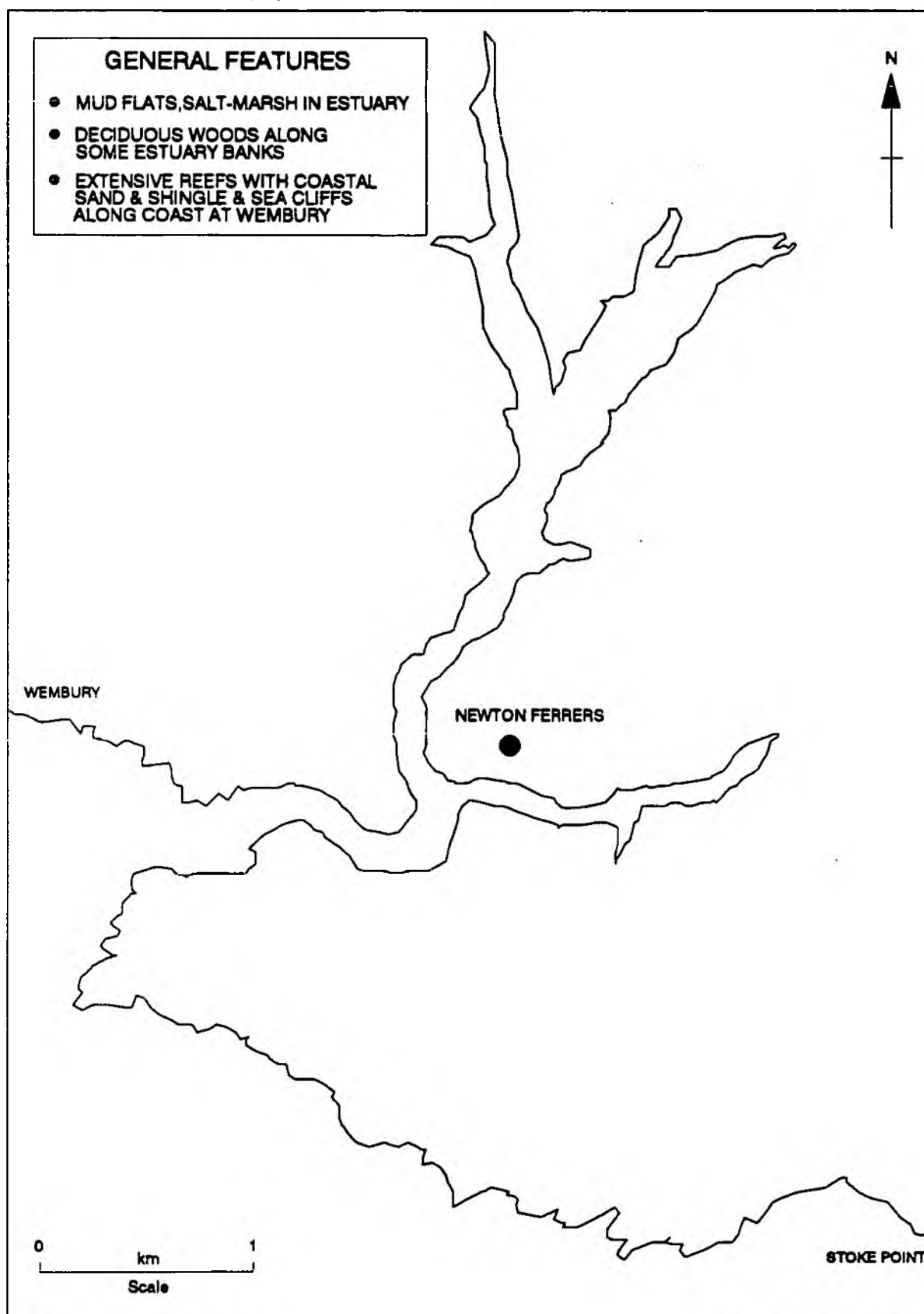
IDENTIFIED USES OF TIDAL WATERS

		OBJECTIVES					
MAP NO	MAP TITLE	CATCHMENT AREAS & NGR BOUNDARIES	GENERAL ECOSYSTEM	SPECIAL ECOSYSTEM	MIGRATORY FISH	COMMERCIAL FISH	SHELL FISH
16	Yealm Estuary (Stoke Point to Wembury)	10a = SX 605468 SX 485534	General Features	Heritage Coast AONB SSSI	Entire area	Bass Nursery Area boundary from Season Point to Mouthstone Point Herring, Bass & Eel Nets Fixed Surface Nets	Cockles Oysters Crabs Spider Crabs Scallops

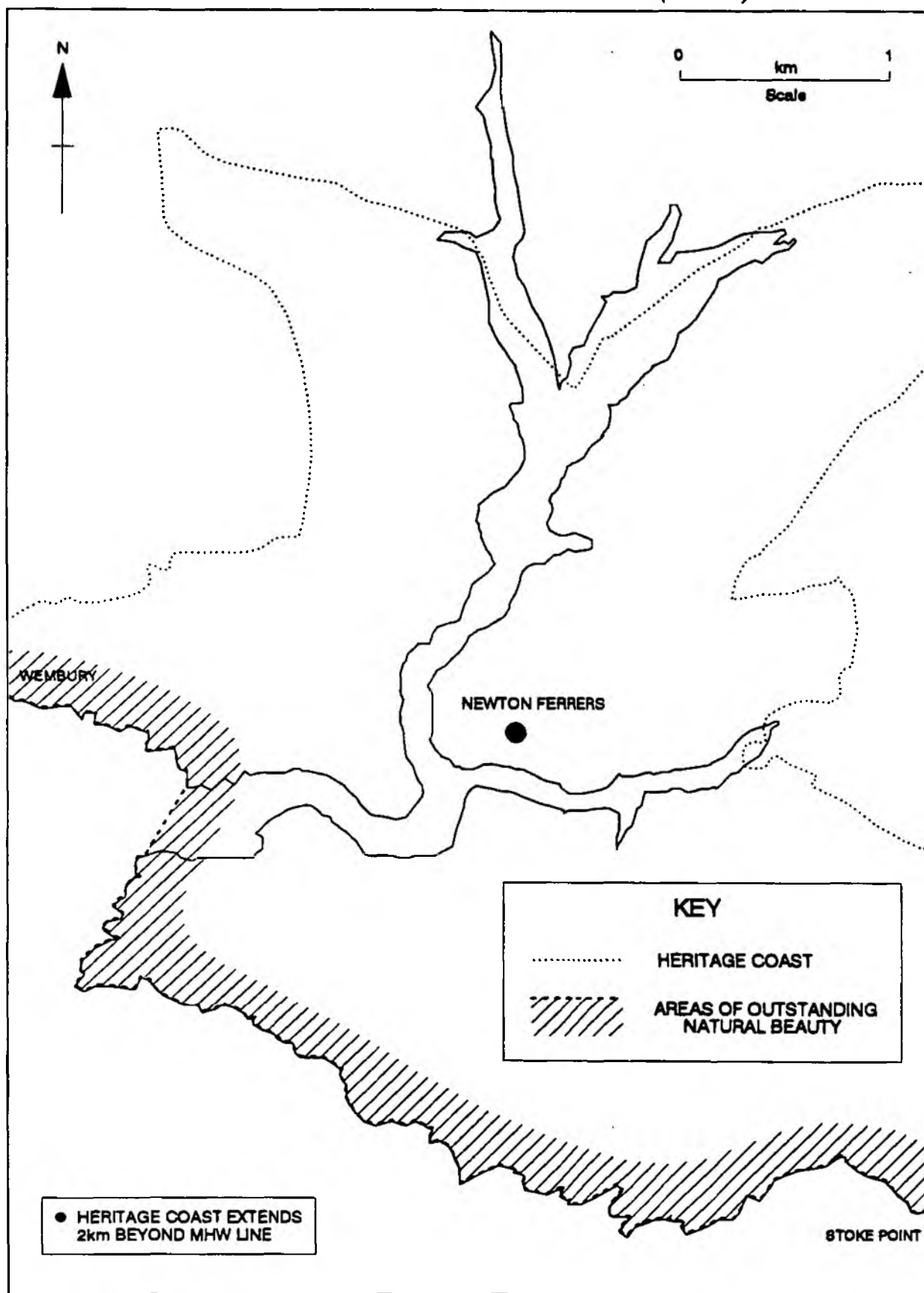
**YEALM ESTUARY - STOKE POINT TO WEMBURY
ESTUARY BOUNDARY**



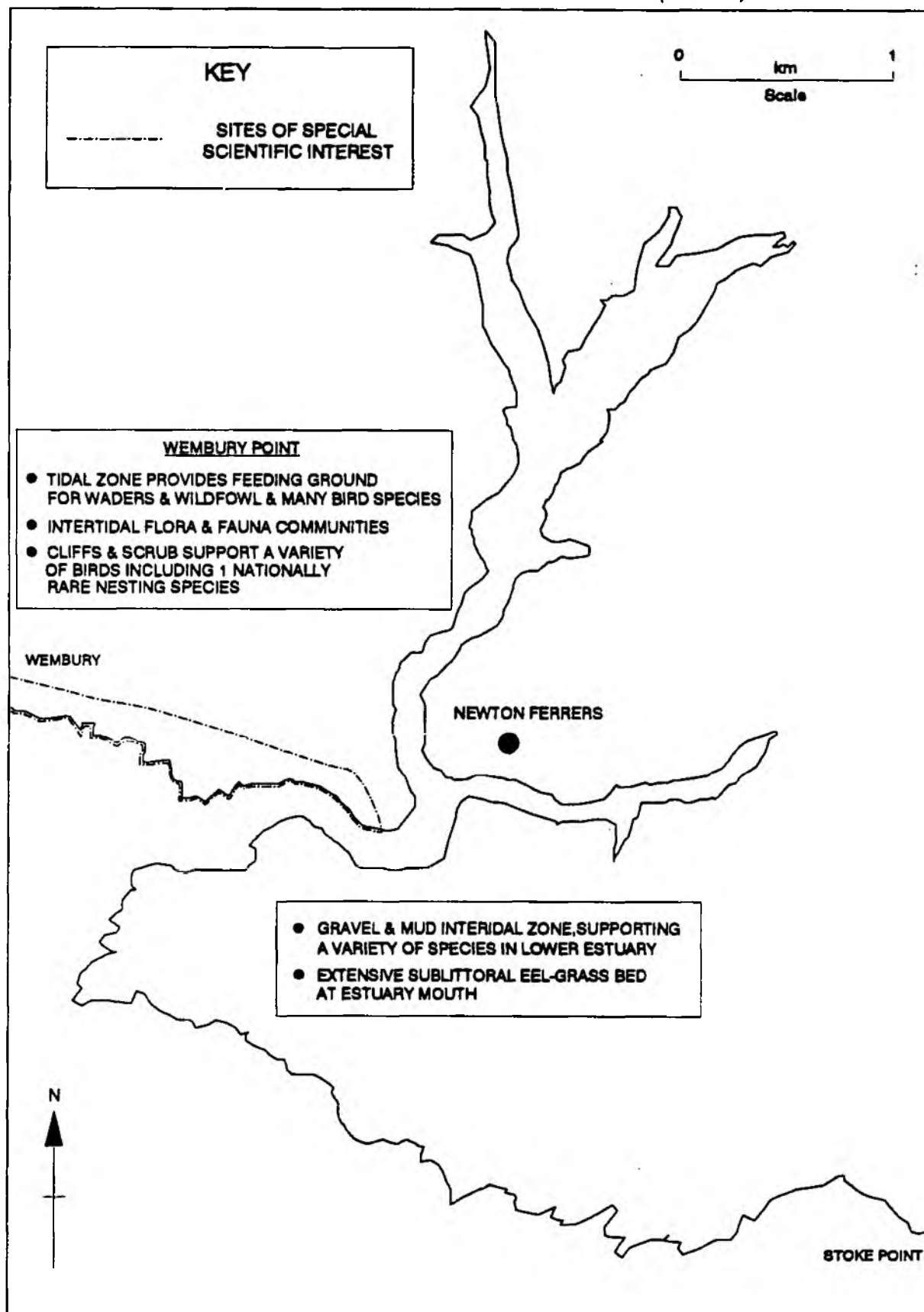
**YEALM ESTUARY - STOKE POINT TO WEMBURY
GENERAL ECOSYSTEM CONSERVATION**



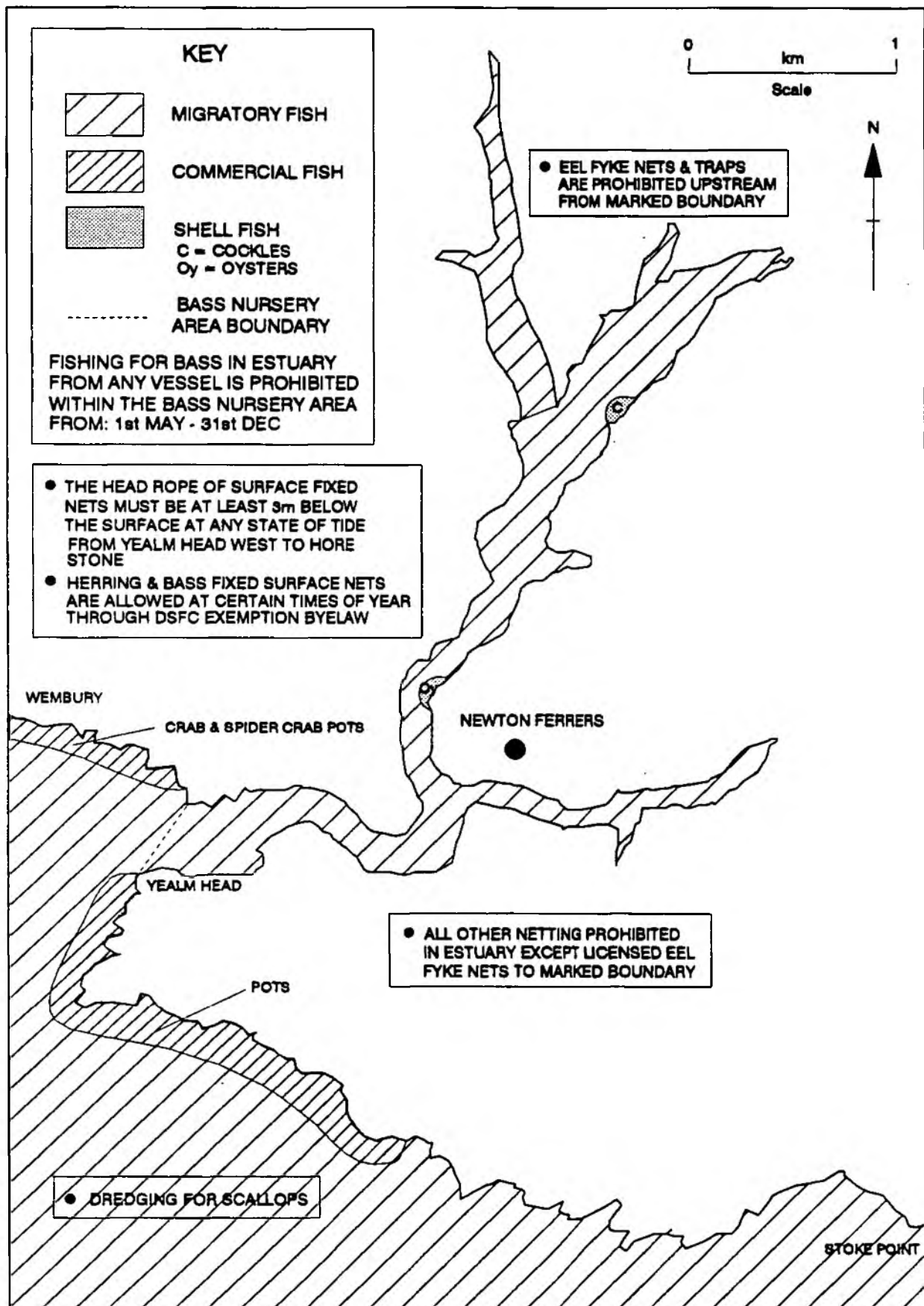
**YEALM ESTUARY - STOKE POINT TO WEMBURY
SPECIAL ECOSYSTEM CONSERVATION (MAP 1)**



**YEALM ESTUARY - STOKE POINT TO WEMBURY
SPECIAL ECOSYSTEM CONSERVATION (MAP 2)**



YEALM ESTUARY - STOKE POINT TO WEMBURY - FISH

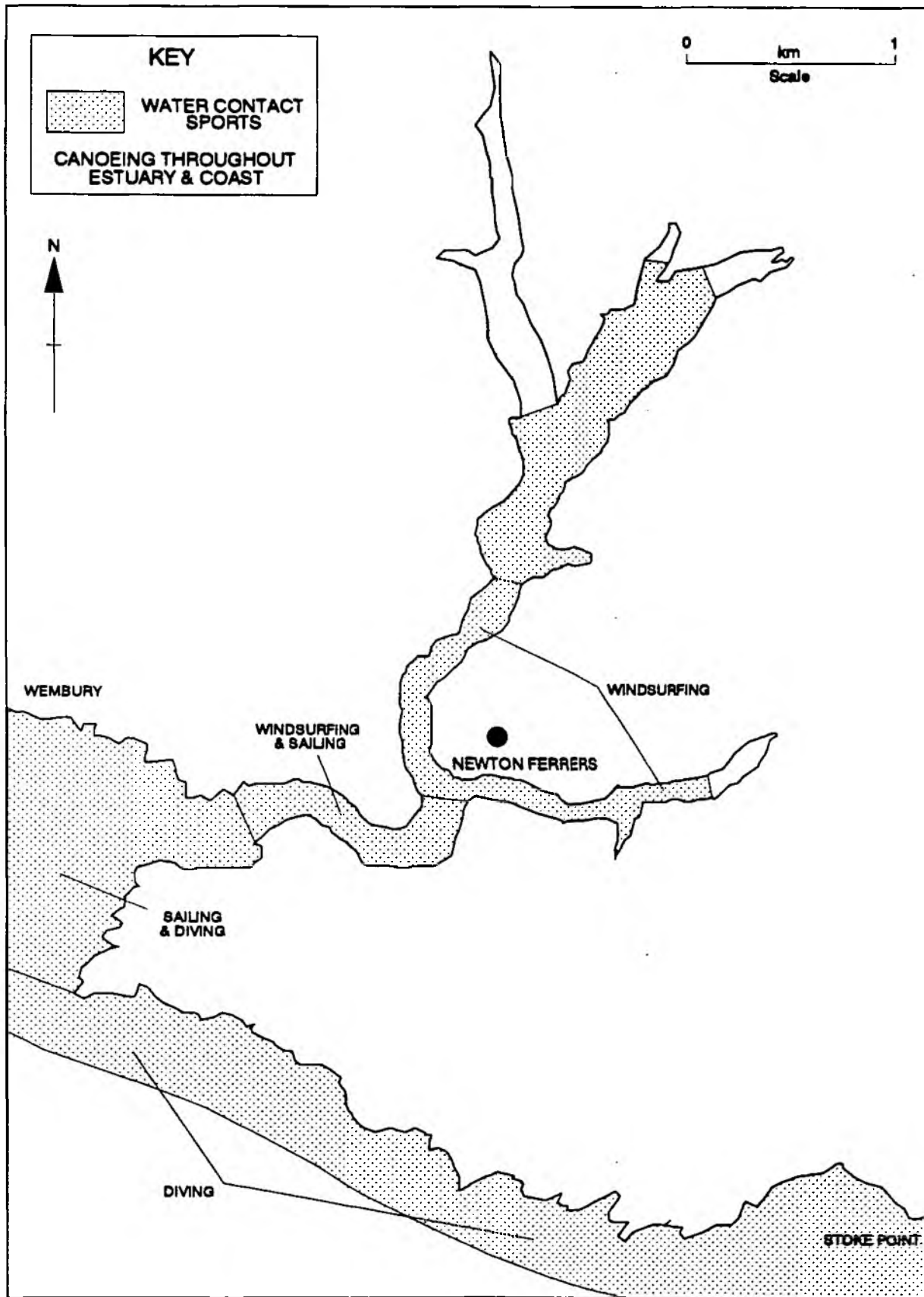


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 LAST UPDATE 16.12.92
 VERSION: 2

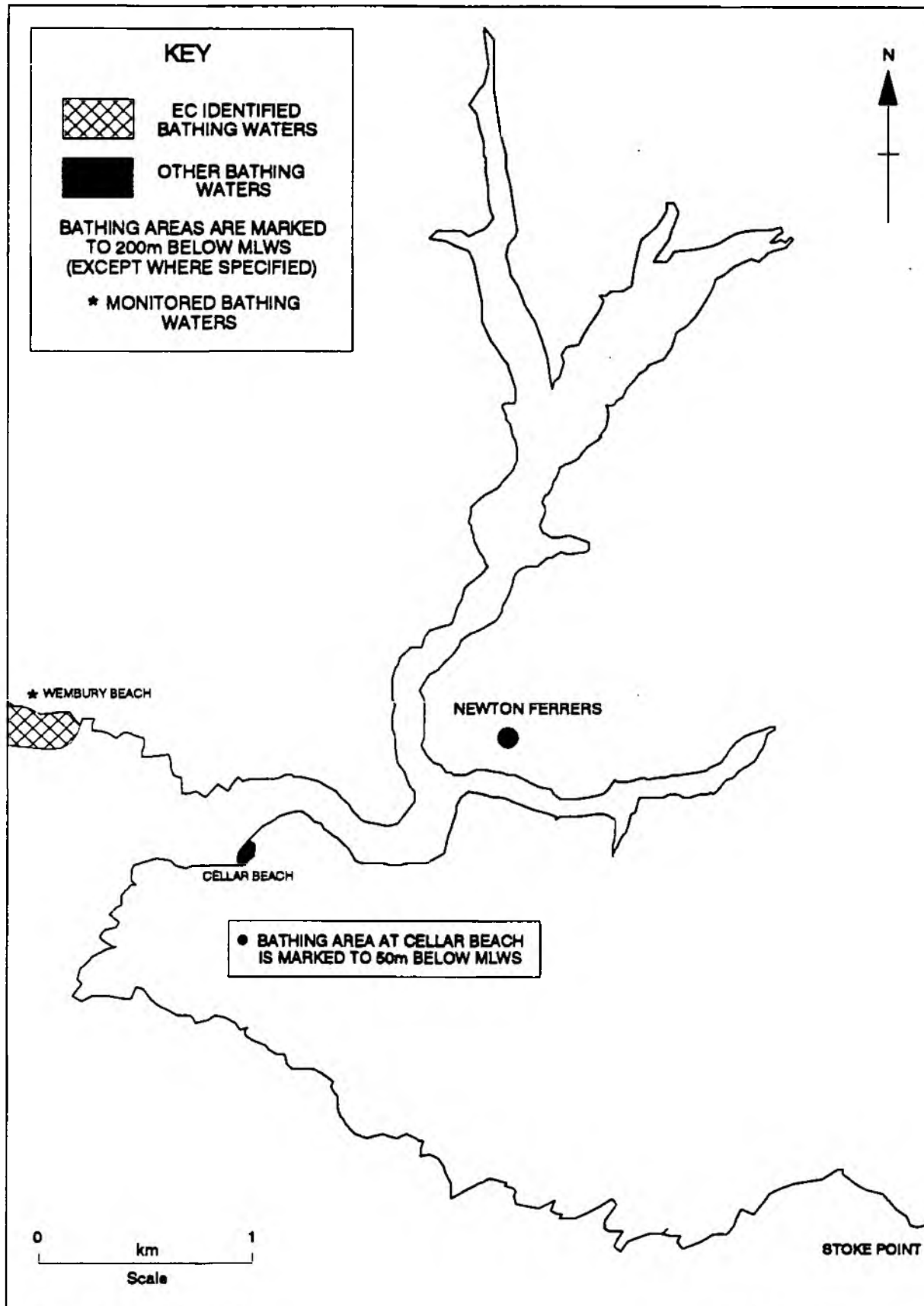
IDENTIFIED USES OF TIDAL WATERS

		OBJECTIVES						
MAP NO	MAP TITLE	BASIC AMENITIES	WATER CONTACT SPORTS	(1)	BATHING WATERS	(2)	INDUSTRY	EMERGENCY SERVICES
16	Yealm Estuary (Stoke Point to Wembury)	Coastal Footpath (No map)	Windsurfing Sailing Diving Canoeing	V V V F	Wembury Beach Cellar Beach	ECM		

YEALM ESTUARY - STOKE POINT TO WEMBURY - WATER CONTACT SPORTS



**YEALM ESTUARY - STOKE POINT TO WEMBURY
BATHING WATERS**

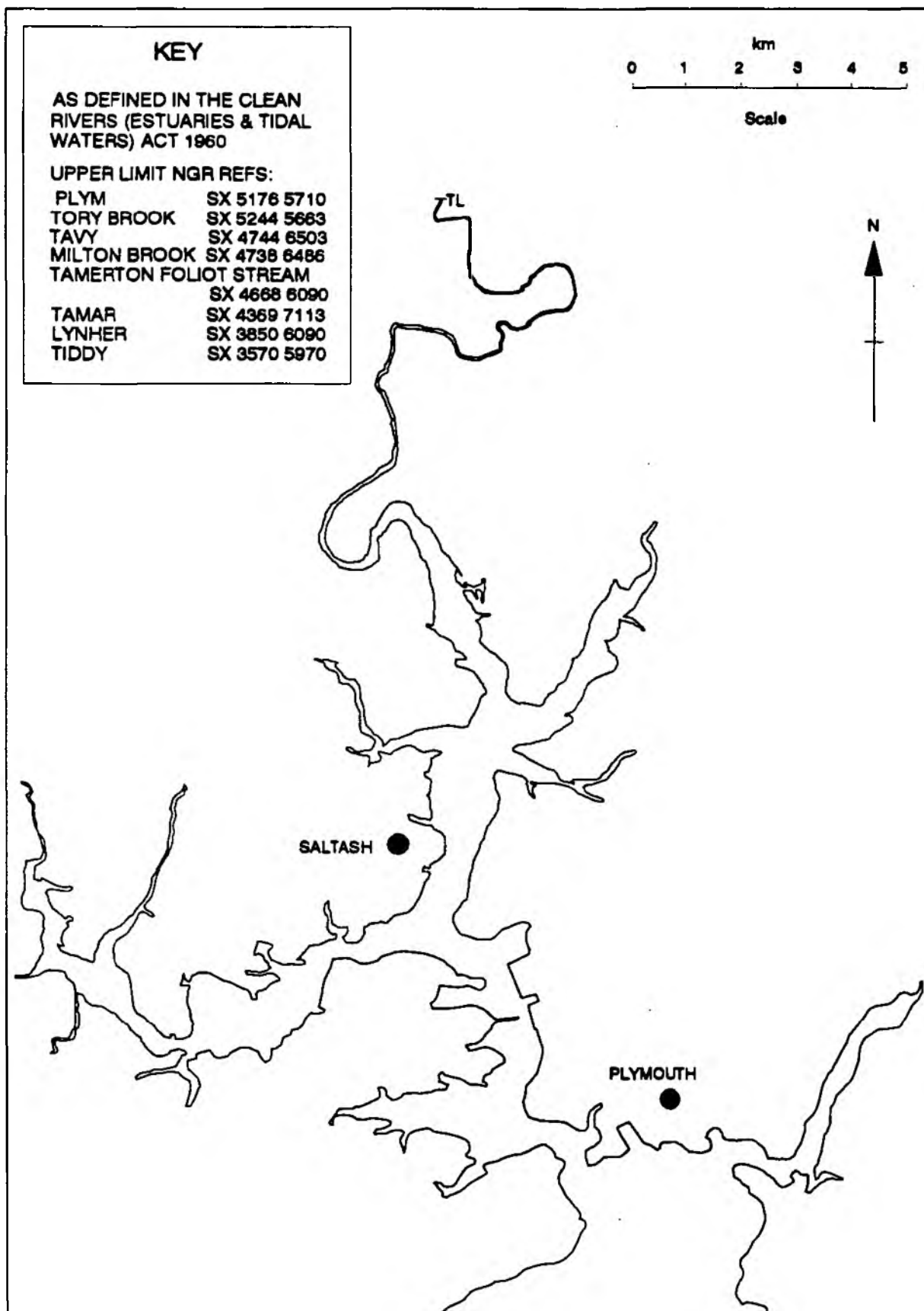


TITLE: NATIONAL RIVERS AUTHORITY - SOUTH WEST REGION
 LAST UPDATE 16.12.92
 VERSION: 2

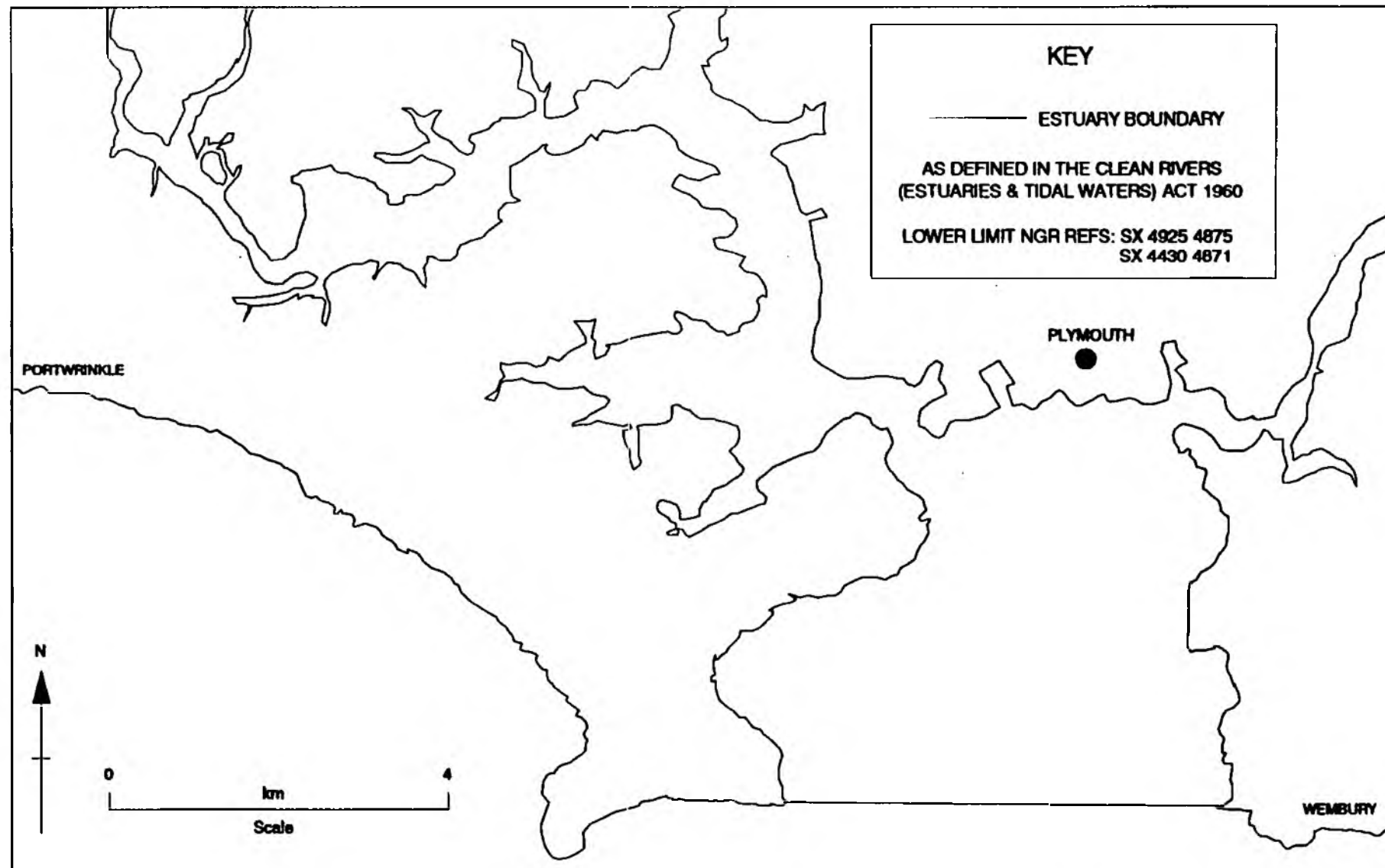
IDENTIFIED USES OF TIDAL WATERS

		OBJECTIVES					
MAP NO	MAP TITLE	CATCHMENT AREAS & NGR BOUNDARIES	GENERAL ECOSYSTEM	SPECIAL ECOSYSTEM	MIGRATORY FISH	COMMERCIAL FISH	SHELL FISH
17	Tamar Estuary (Wembury to Portwrinkle)	10a = SX 605468 SX 485534 11a = SX 485534 SX 453540 12a = SX 453540 SX 333532	General Features	Heritage Coast AONB SSSI Ancient Monuments CNCs Marine Conservation Site	Entire area	Purse Seining for Pilchards Bass Nursery Area boundary from Mountbatton Pier to Wilderness Point Beam & Mid-Water Trawling Bass, Mullet, Eel & Salmon Netting Hand Lining for Mackerel Set nets & Pots Sutton Fishing Harbour at Plymouth Fixed Surface Nets	Mussels Oysters

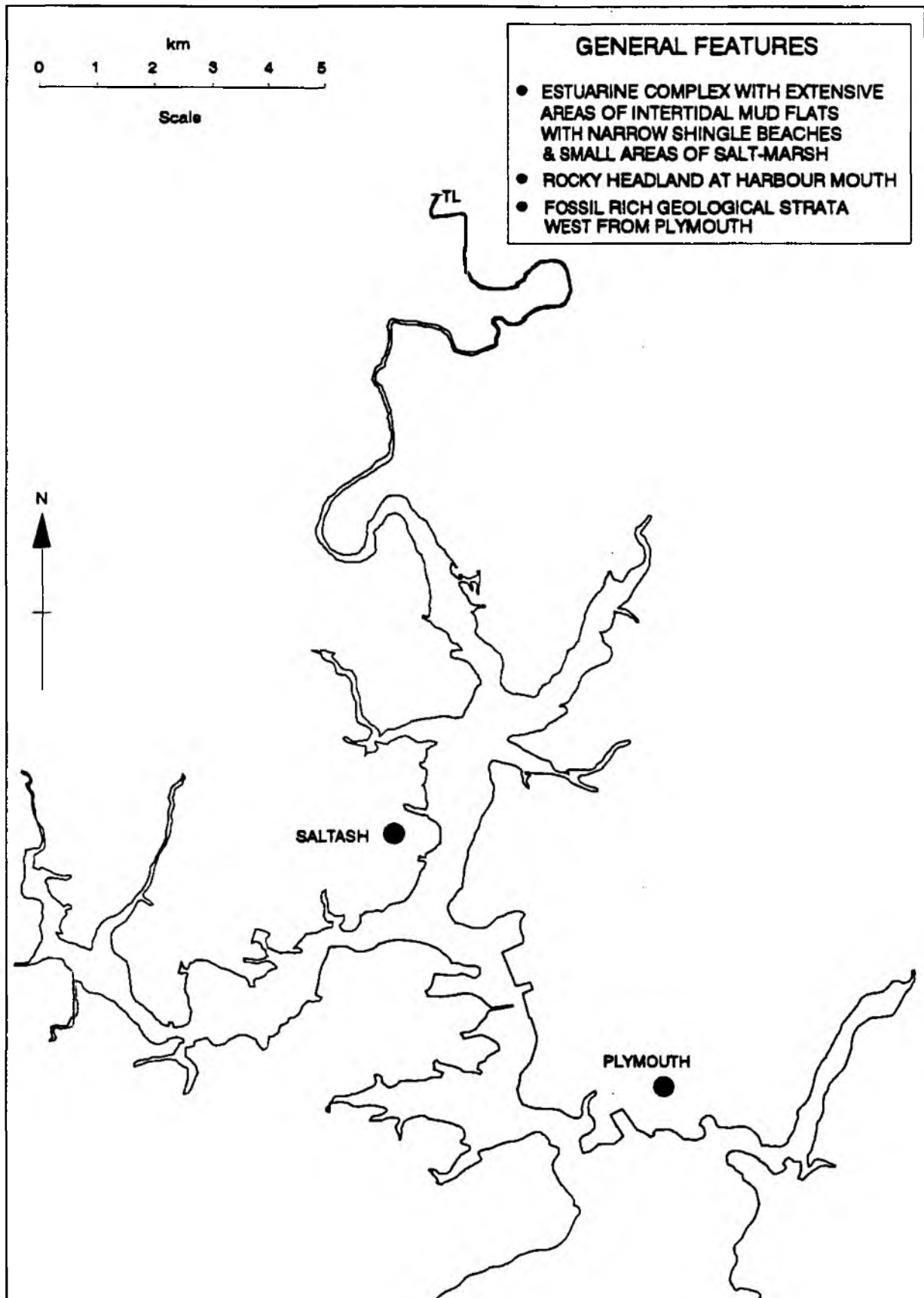
TAMAR ESTUARY - ESTUARY BOUNDARY



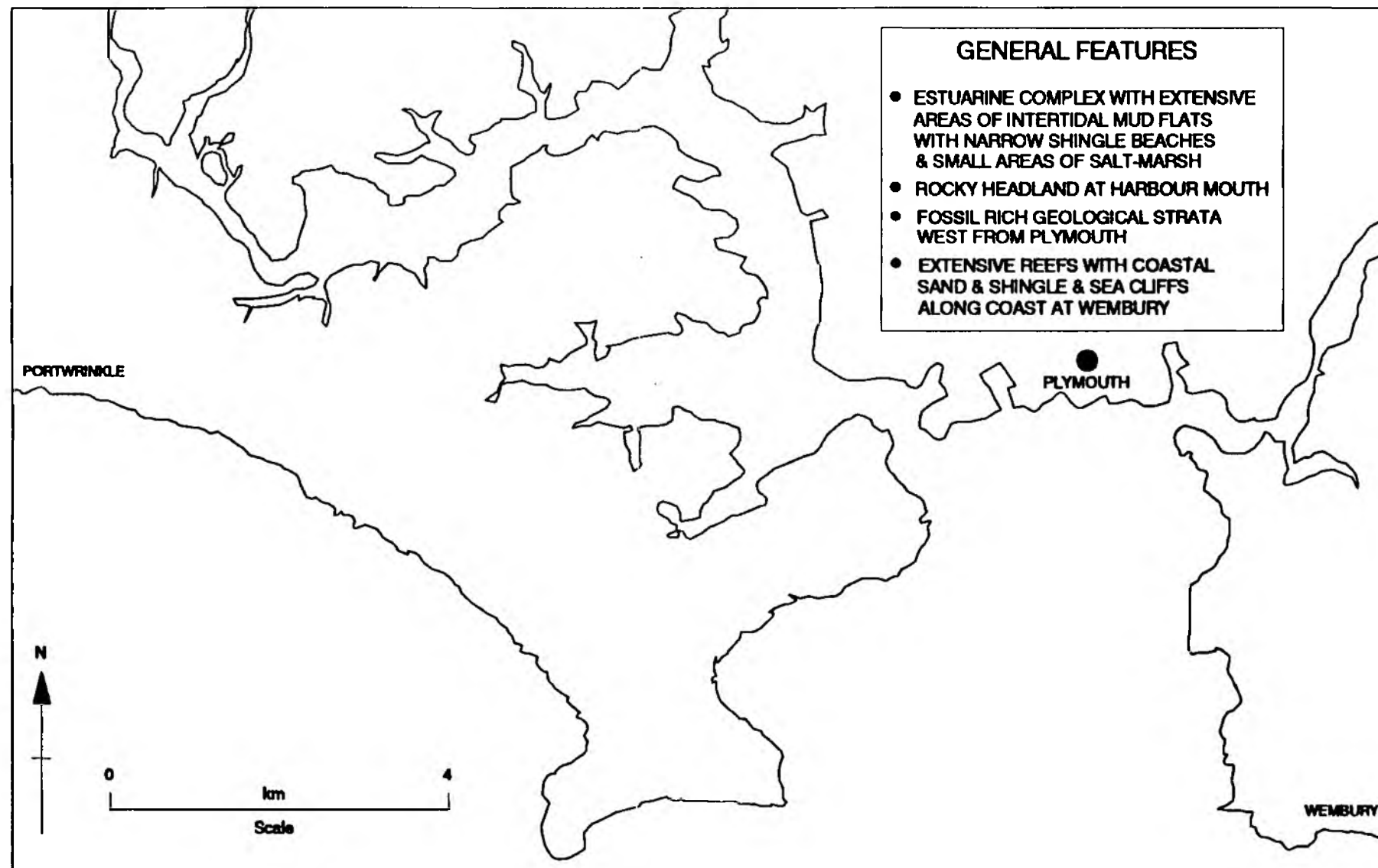
TAMAR ESTUARY - WEMBURY TO PORTWRINKLE - ESTUARY BOUNDARY



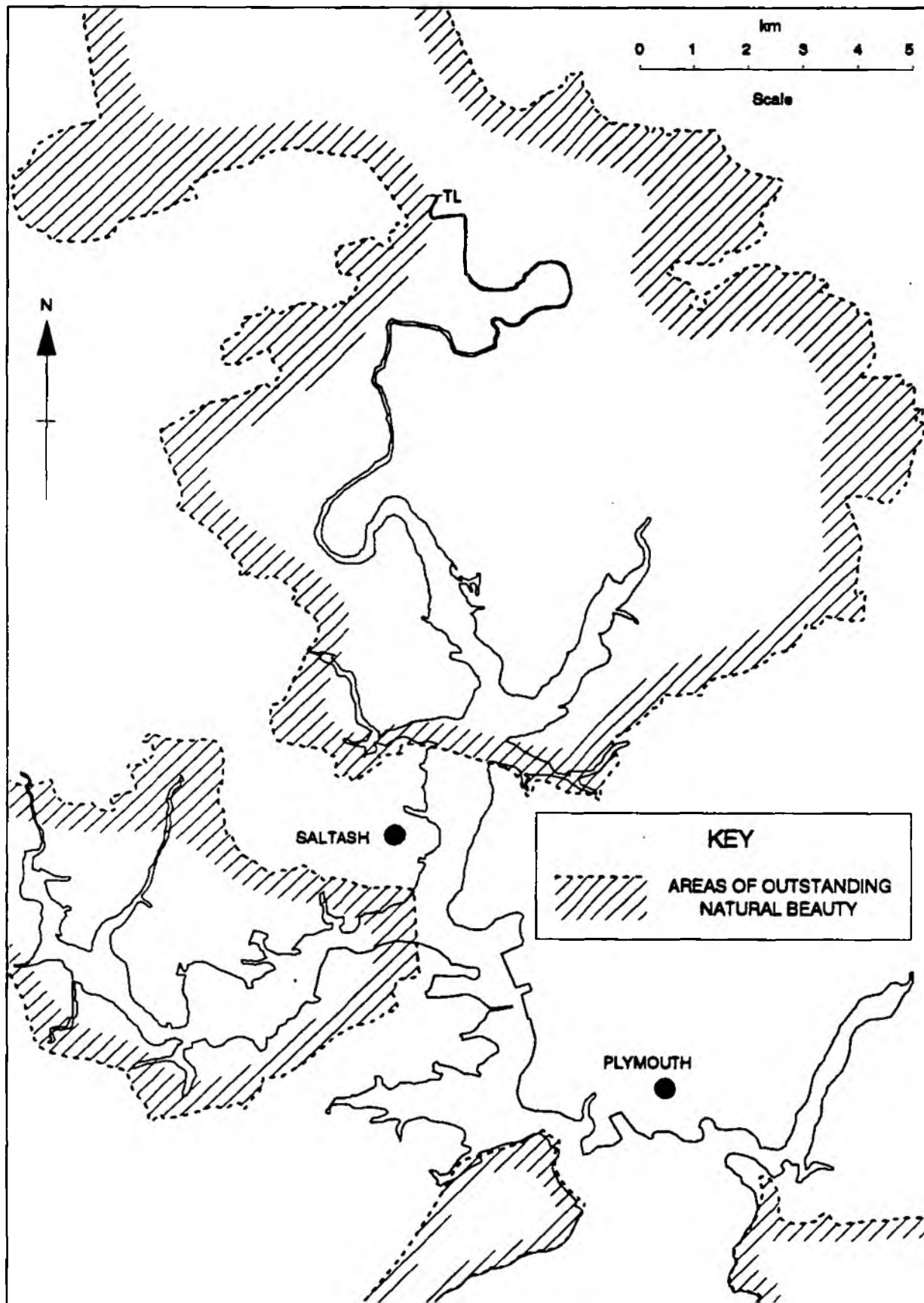
TAMAR ESTUARY - GENERAL ECOSYSTEM CONSERVATION



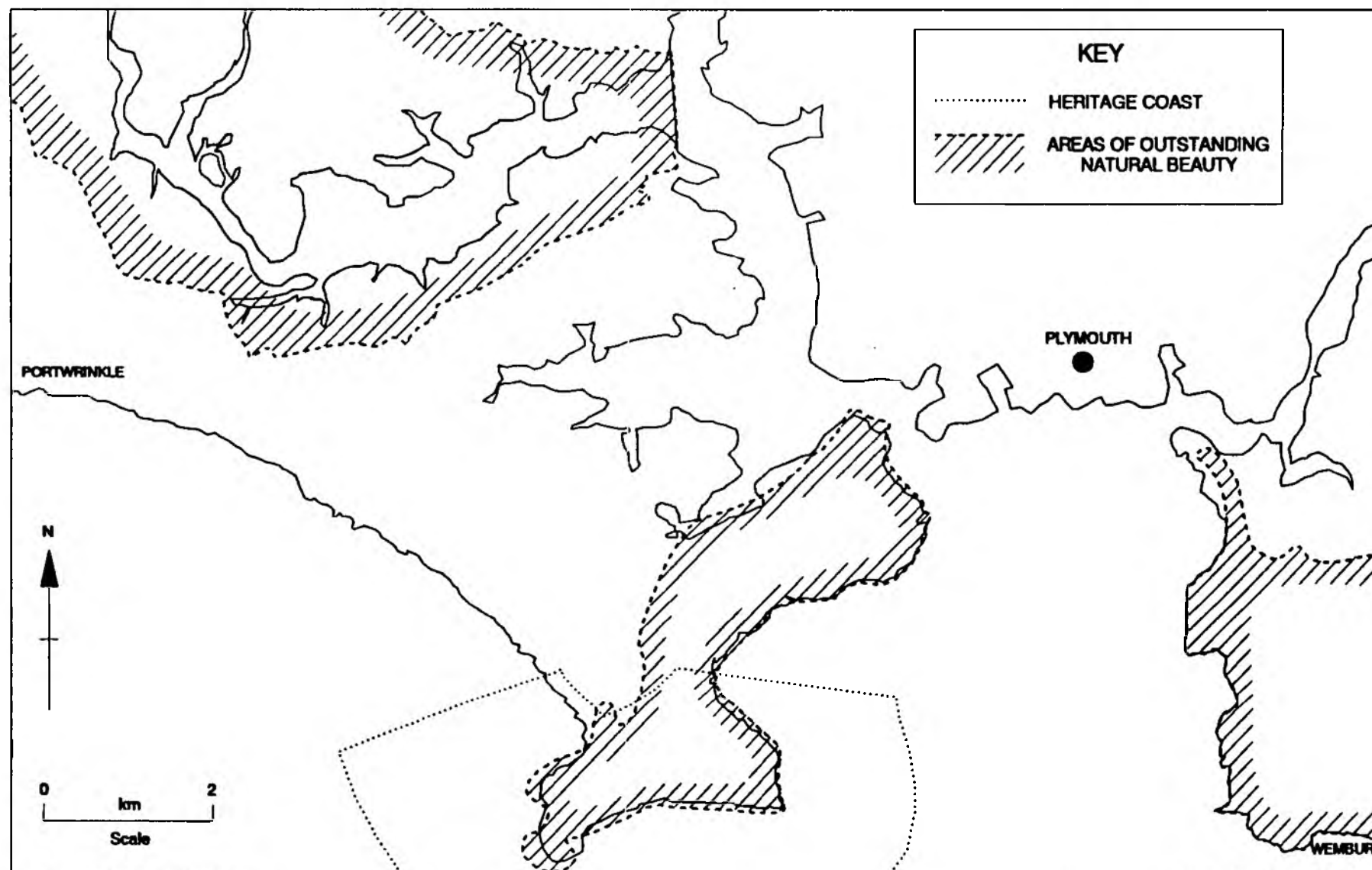
TAMAR ESTUARY - WEMBURY TO PORTWRINKLE - GENERAL ECOSYSTEM CONSERVATION



TAMAR ESTUARY - SPECIAL ECOSYSTEM CONSERVATION (MAP 1)



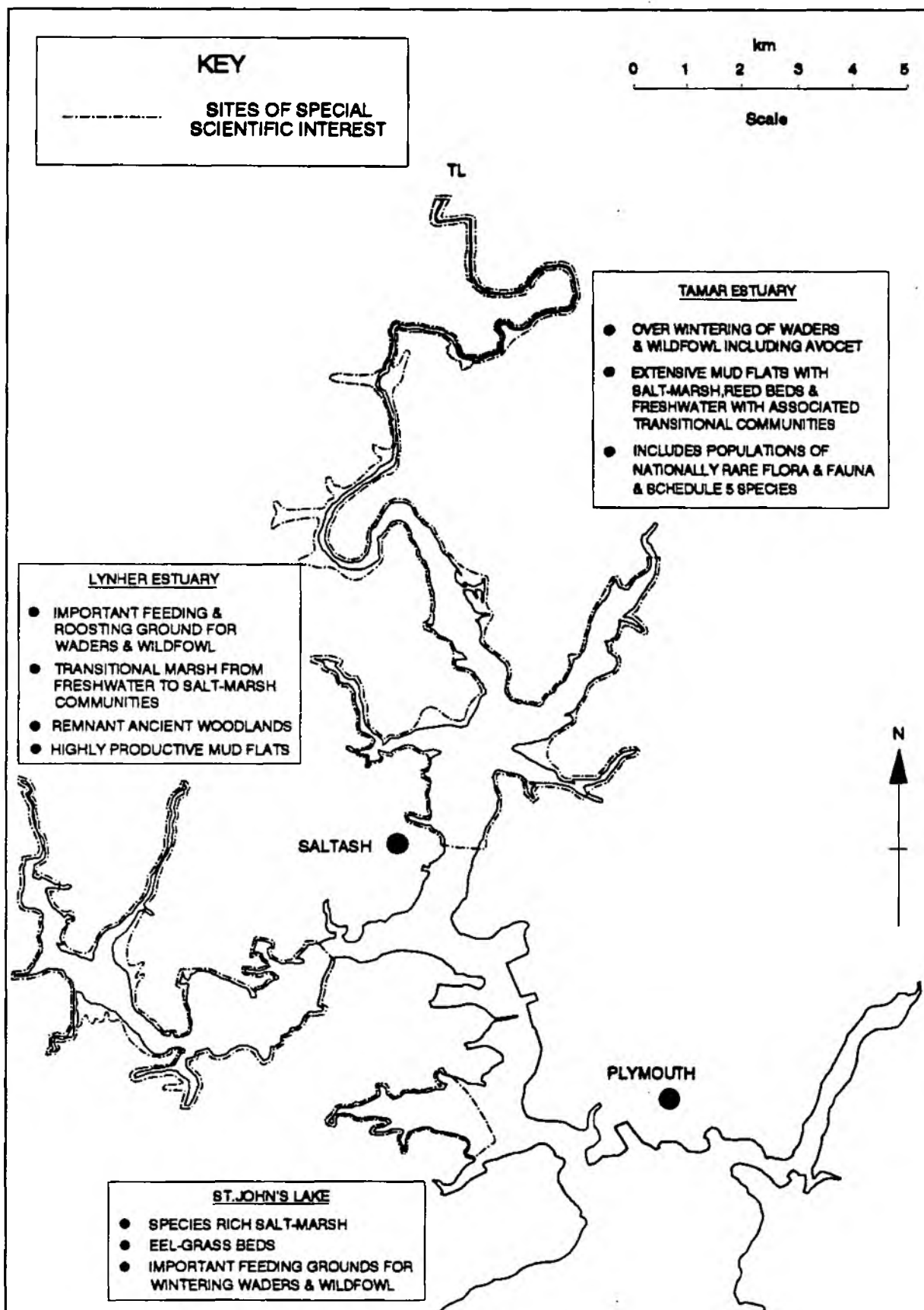
TAMAR ESTUARY - WEMBURY TO PORTWRINKLE - SPECIAL ECOSYSTEM CONSERVATION (MAP 1)



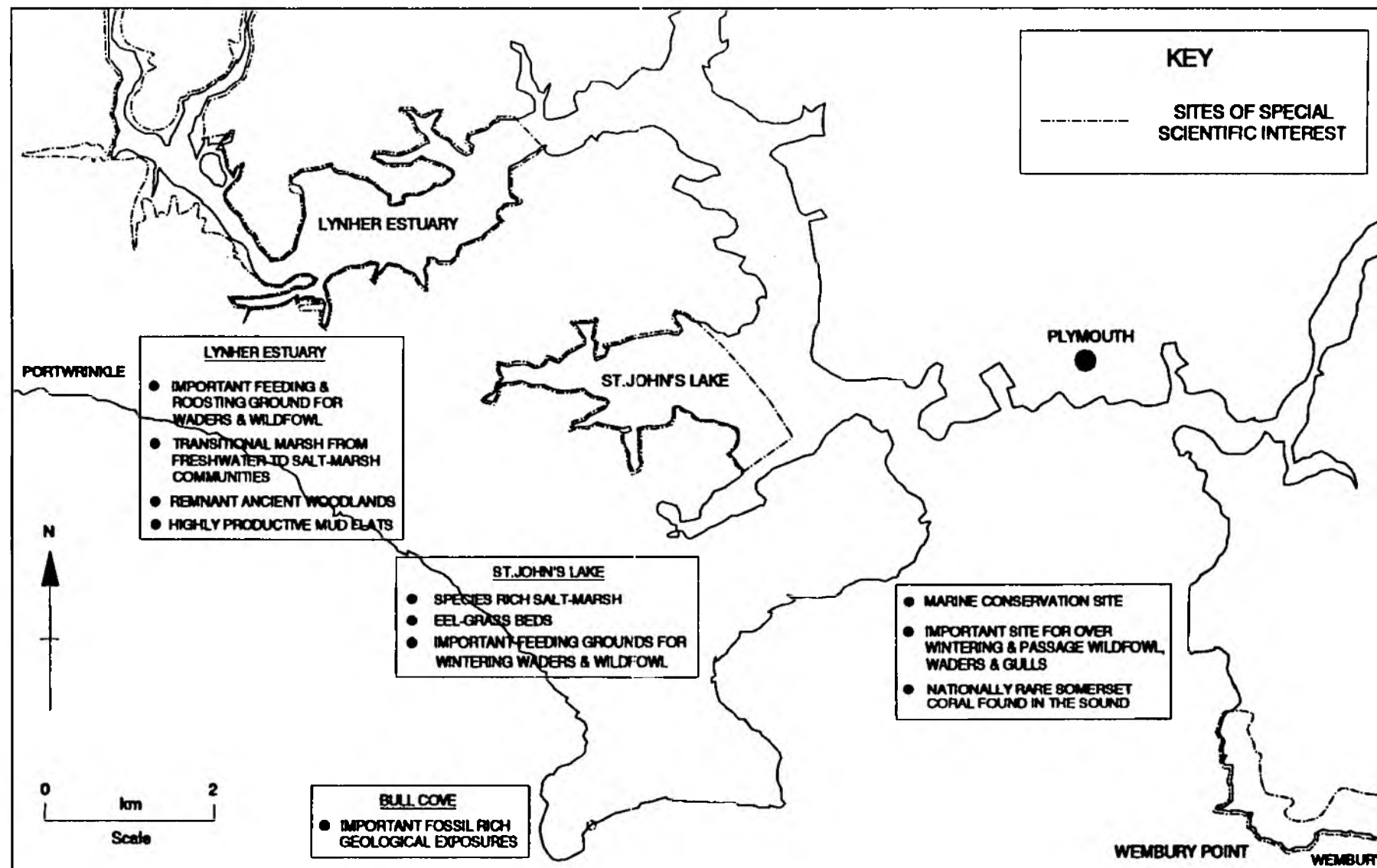
N.R.A. - SOUTH WEST REGION

VERSION: 1 JULY 1992

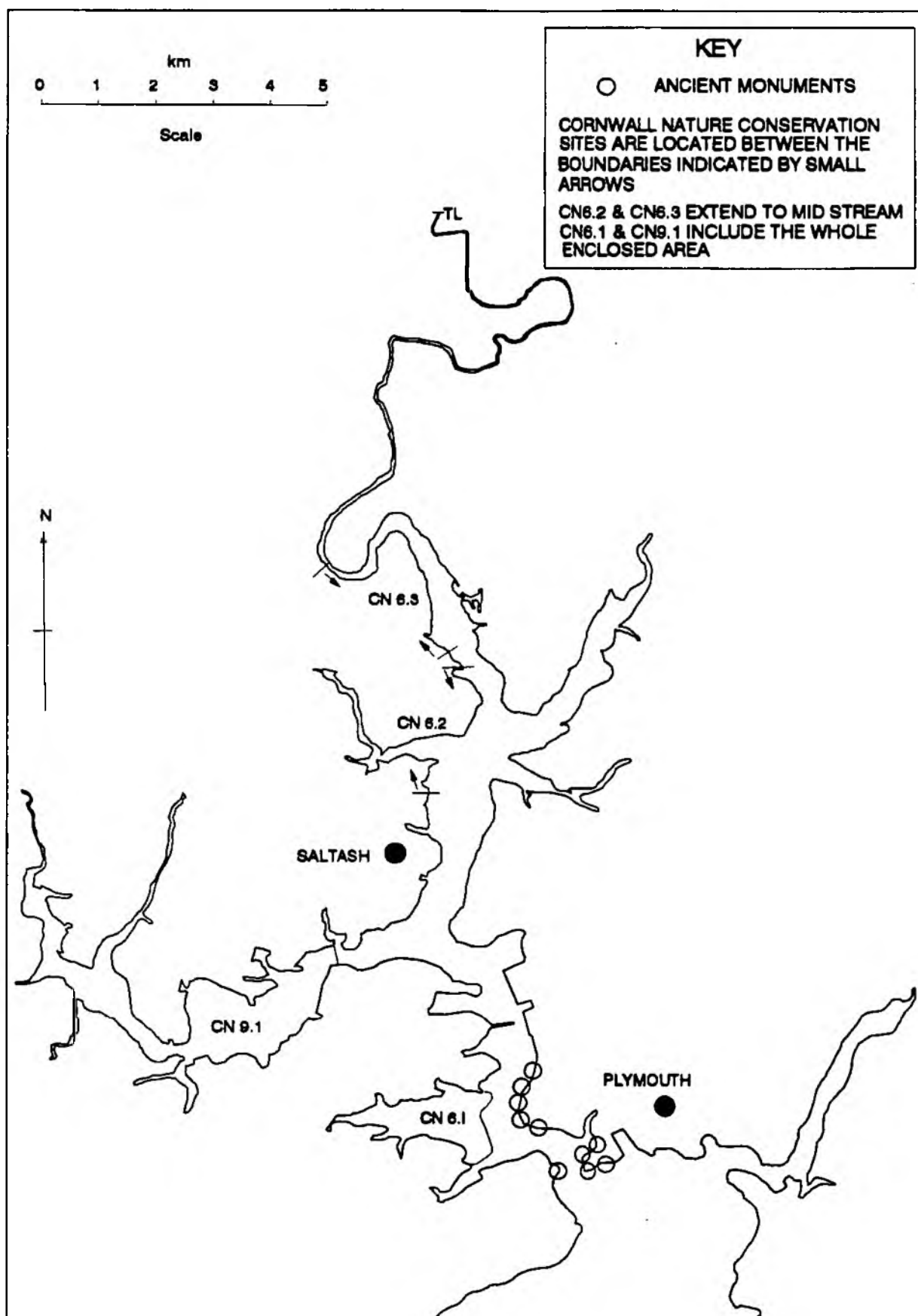
TAMAR ESTUARY - SPECIAL ECOSYSTEM CONSERVATION (MAP 2)



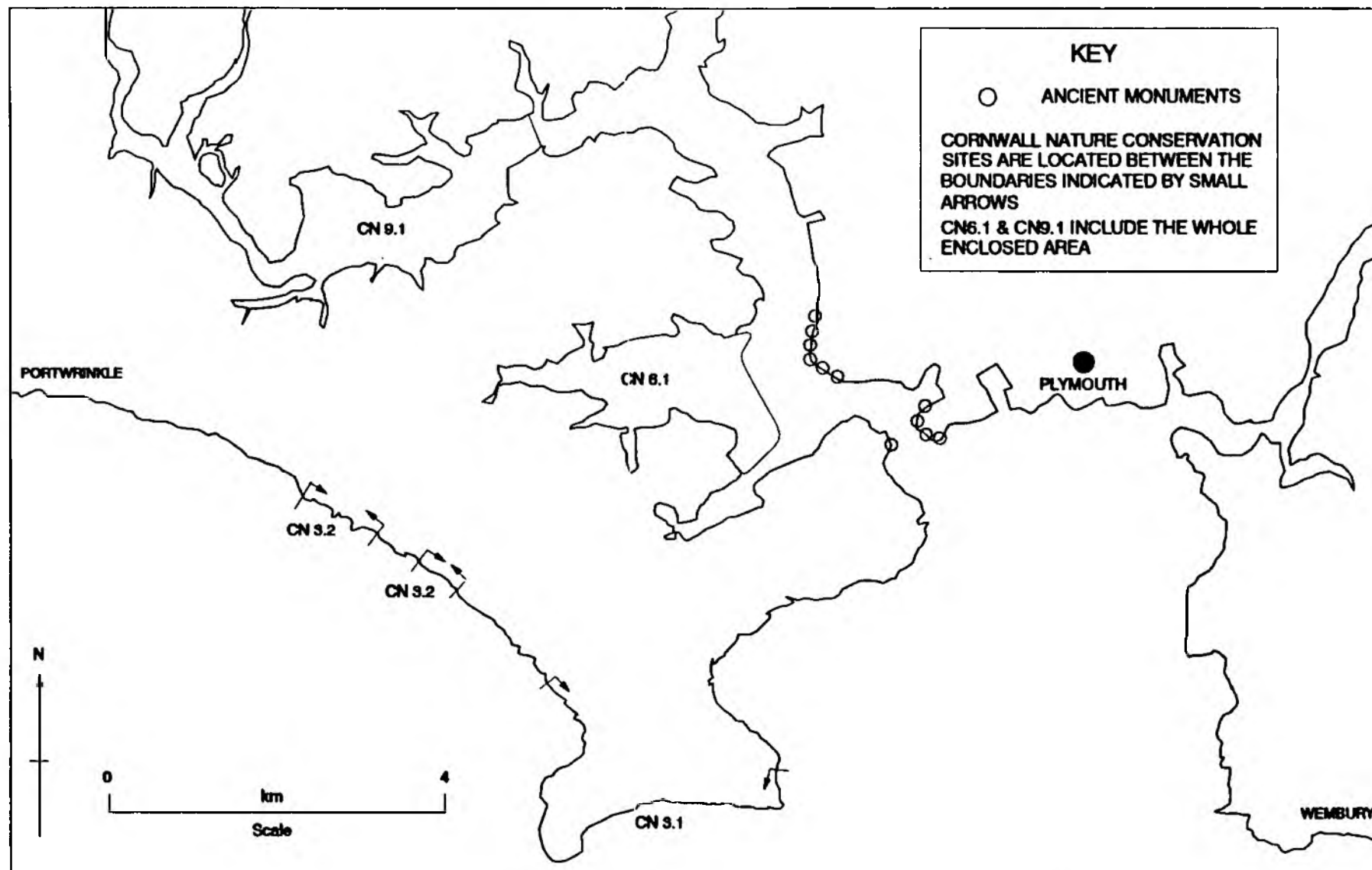
TAMAR ESTUARY - WEMBURY TO PORTWRINKLE - SPECIAL ECOSYSTEM CONSERVATION (MAP 2)



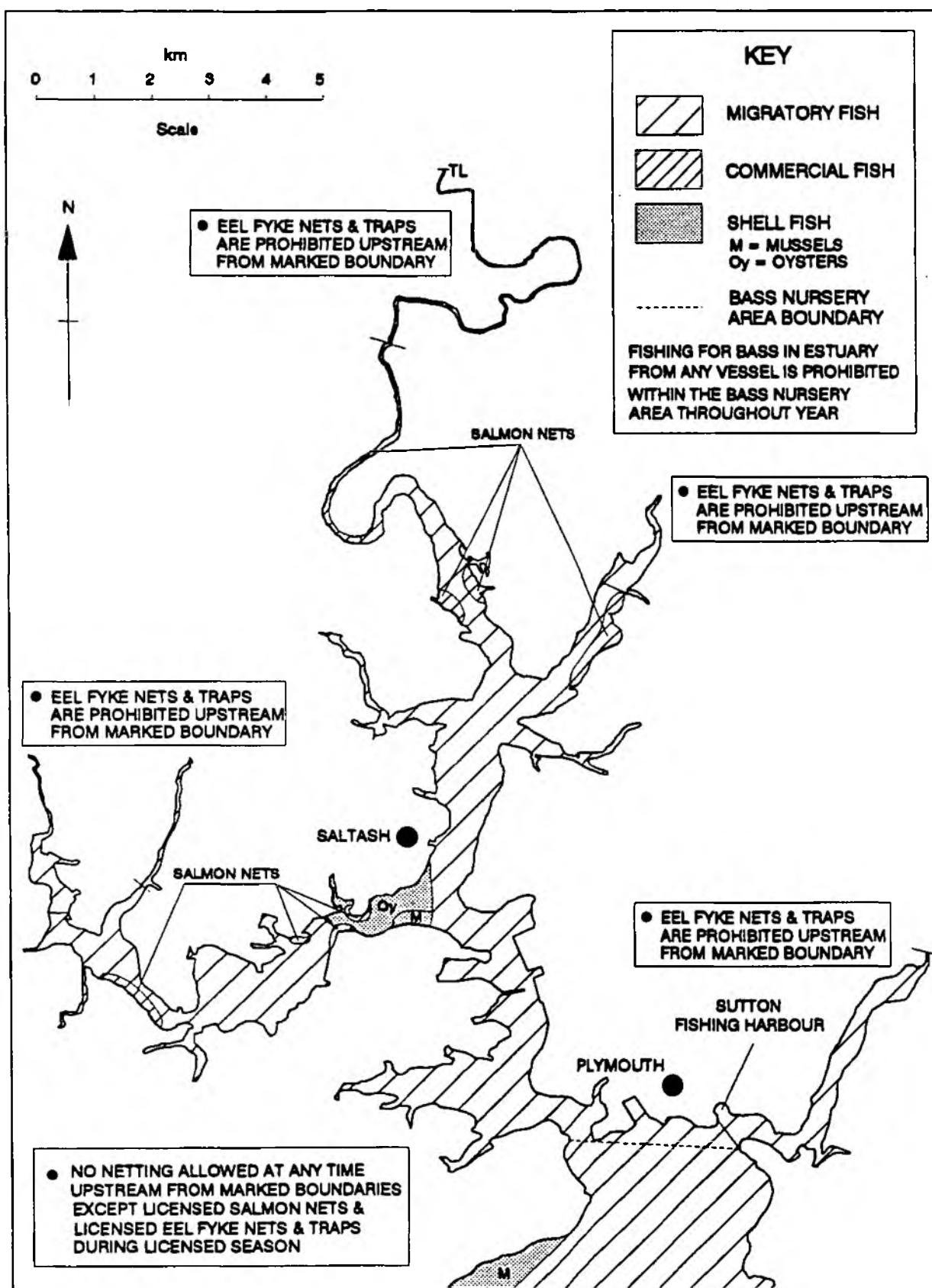
TAMAR ESTUARY - SPECIAL ECOSYSTEM CONSERVATION (MAP 3)



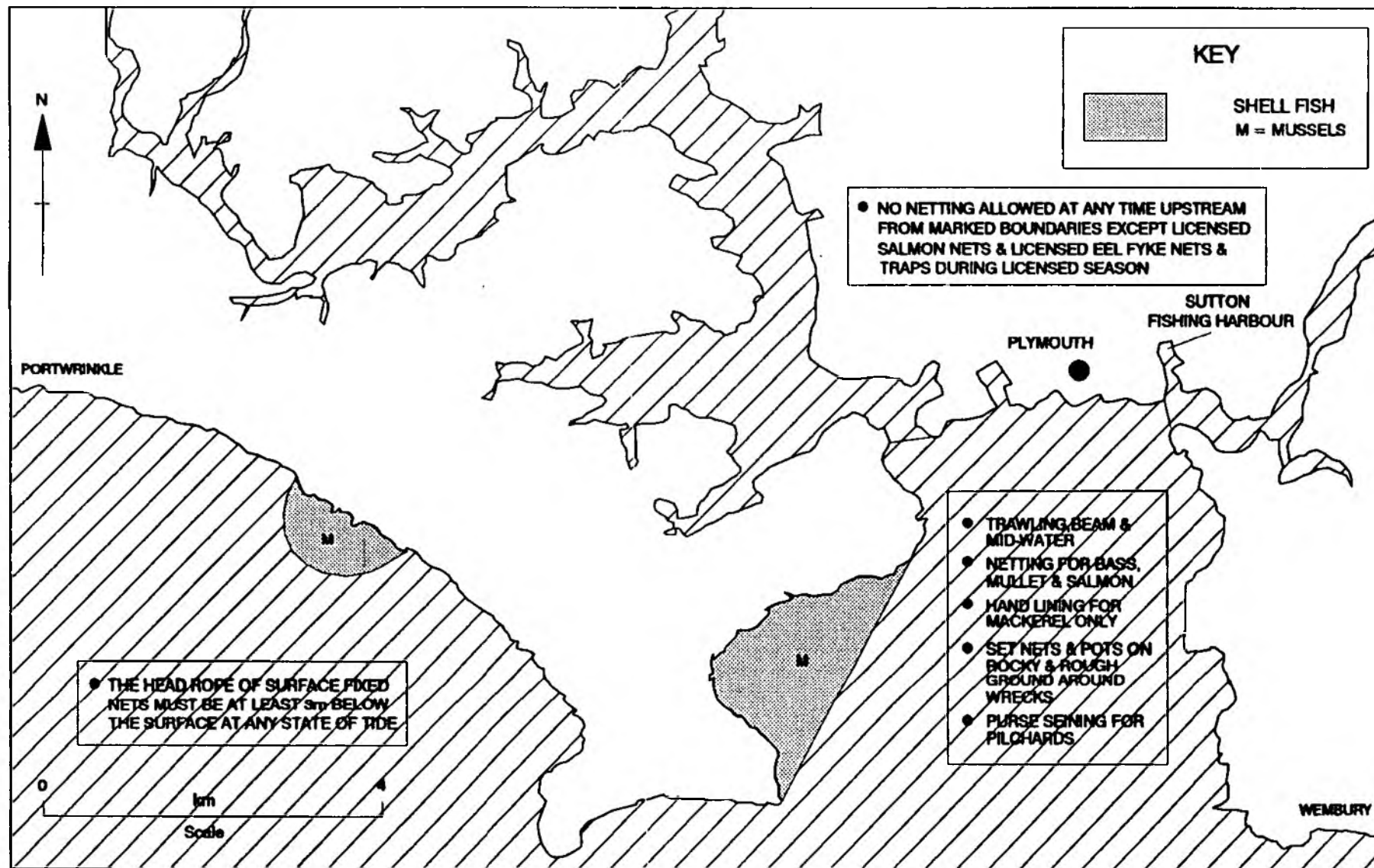
TAMAR ESTUARY - WEMBURY TO PORTWRINKLE - SPECIAL ECOSYSTEM CONSERVATION (MAP 3)



TAMAR ESTUARY - FISH



TAMAR ESTUARY - WEMBURY TO PORTWRINKLE - FISH



N.R.A. - SOUTH WEST REGION

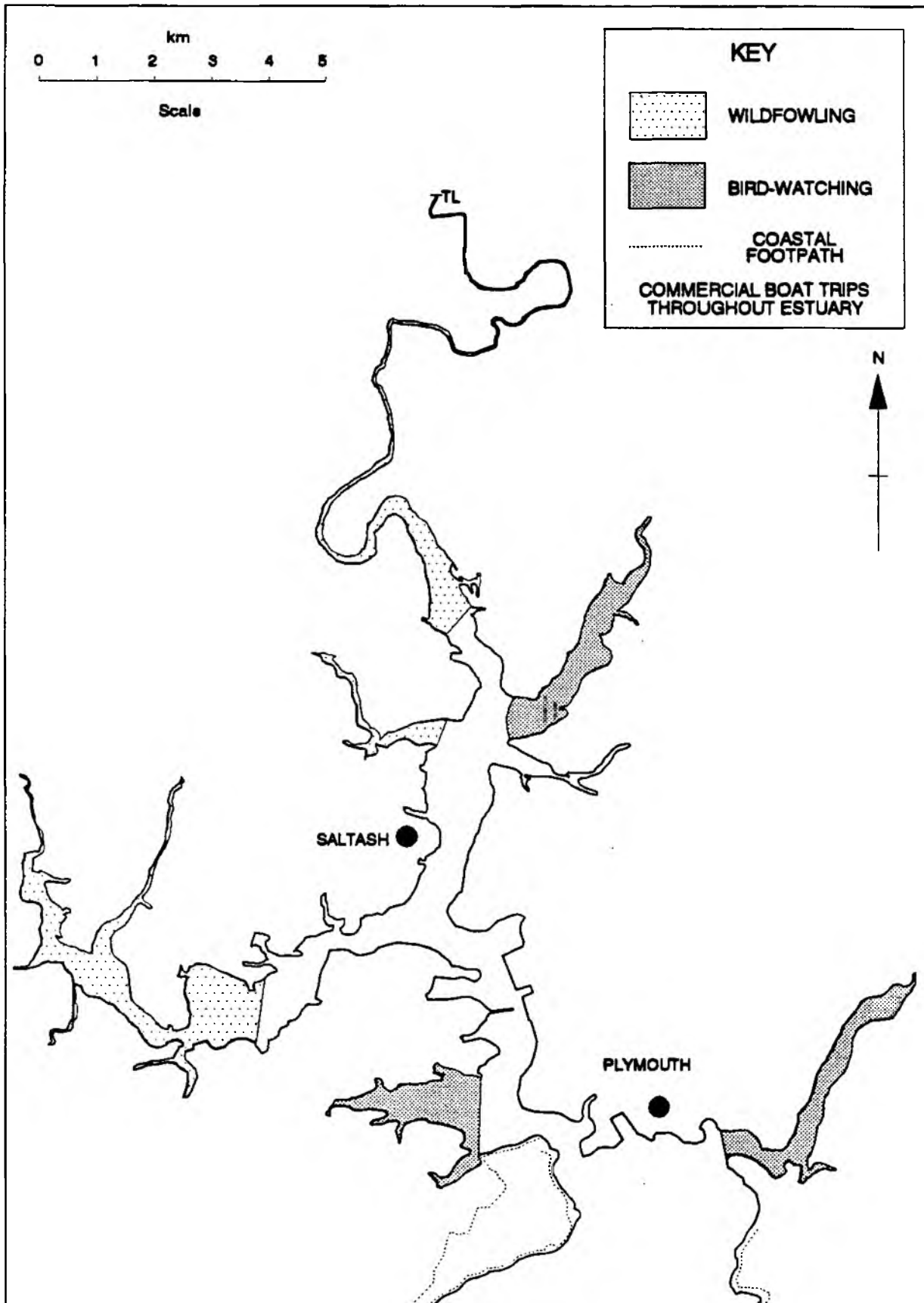
VERSION: 2 OCT 1982

TITLE: NATIONAL RIVERS AUTHORITY - SOUTH WEST REGION
 LAST UPDATE 16.12.92
 VERSION: 2

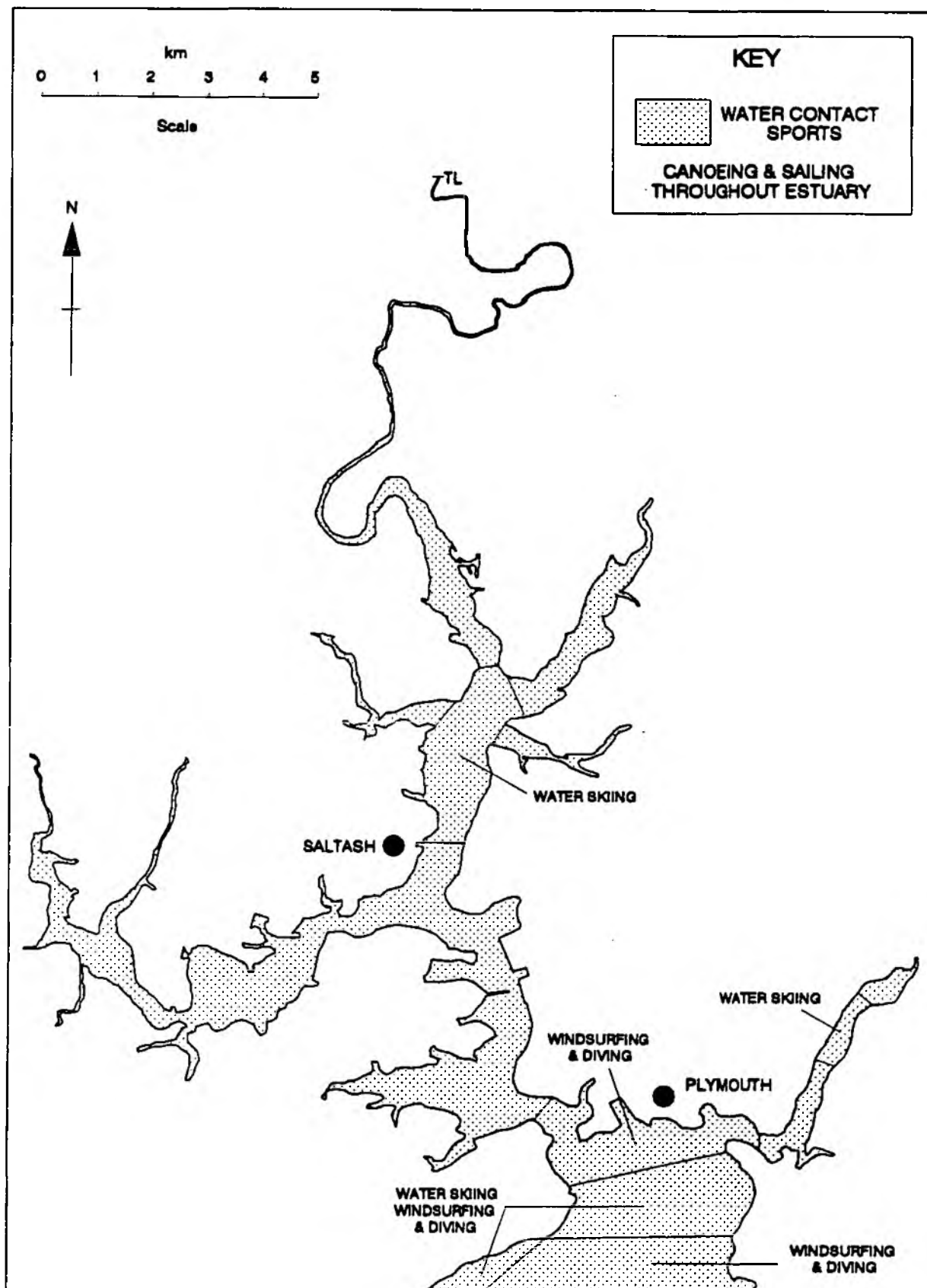
IDENTIFIED USES OF TIDAL WATERS

		OBJECTIVES						
MAP NO	MAP TITLE	BASIC AMENITIES	WATER CONTACT SPORTS	(1)	BATHING WATERS	(2)	INDUSTRY	EMERGENCY SERVICES
17	Tamar Estuary (Wembury to Portwrinkle)	Wildfowling Bird-Watching Commercial Boat Trips Coastal Footpath	Windsurfing Water Skiing Diving Canoeing Sailing Surfing	V V V V V F	Bovisand Bay Jennycliffe Bay Plymouth Hoe Wembury Beach Firestone Bay Cawsand Bay Mounthatten Bay Beach Whitsand Bay Picklecombe Point Western Gear Long Sands	ECM M ECM ECM M M	Morwelham Quay M.O.D. Depots Hydro Electric Power Station DML Shipbuilders Crissan Marine Boats Marine Projects Millbay Docks Brittany Ferries Inter Fish Ltd Cattledown Wharves Oil Terminals ECC Loading Crewyl Ferry Boat Yard & Marina Southdown Boat Yard Torpoint Ferry	

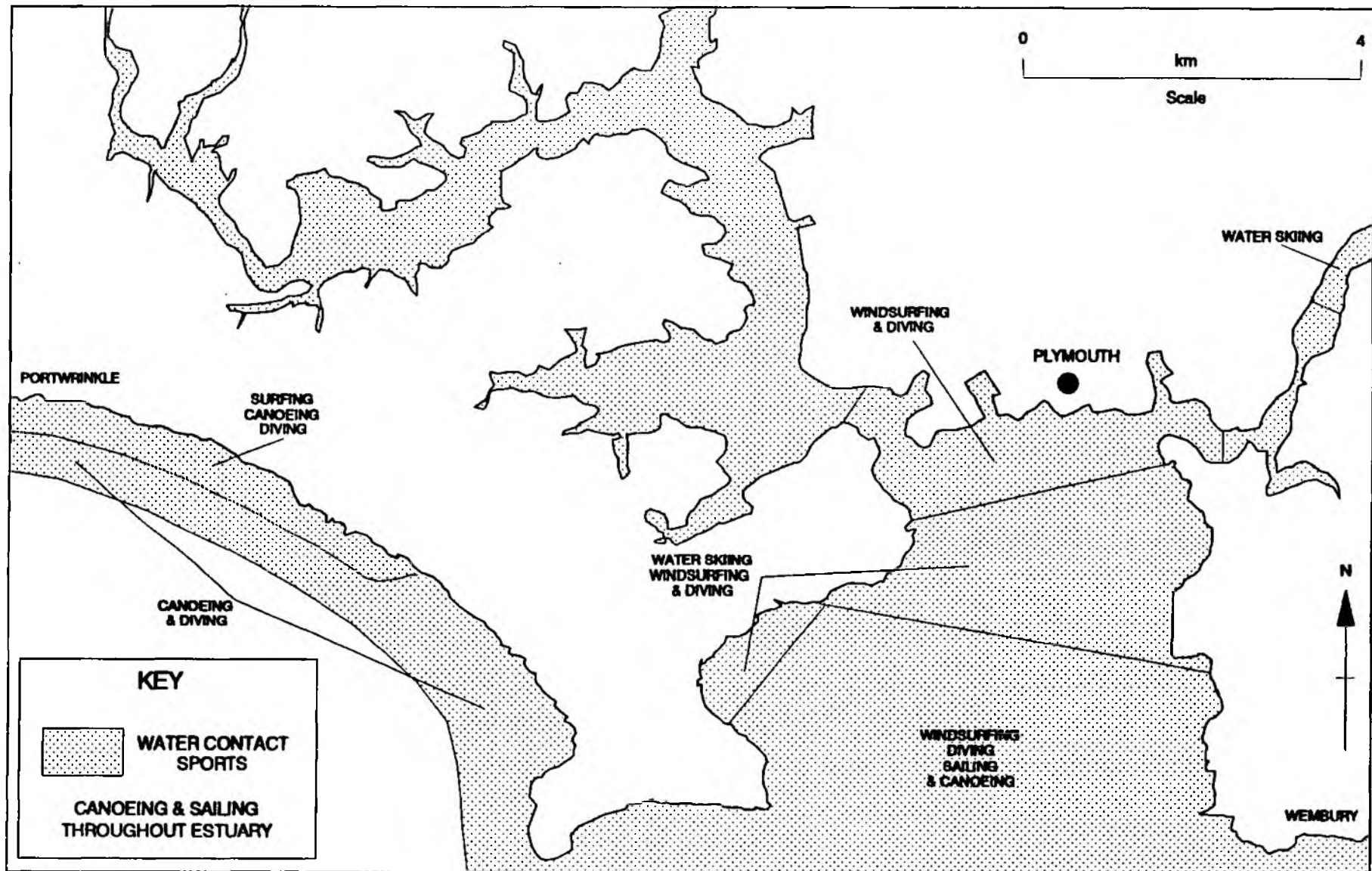
TAMAR ESTUARY - BASIC AMENITIES



TAMAR ESTUARY - WATER CONTACT SPORTS



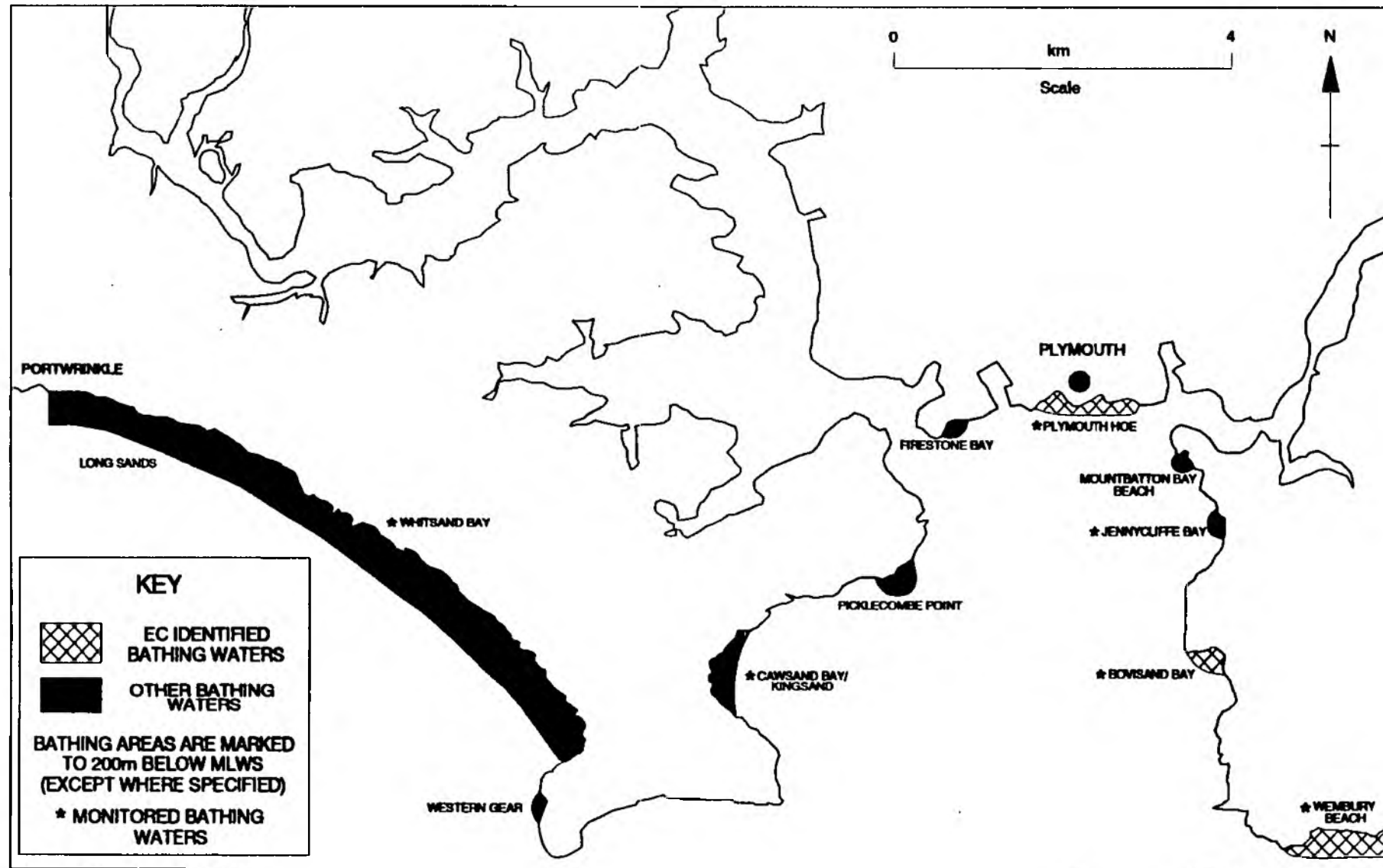
TAMAR ESTUARY - WEMBURY TO PORTWRINKLE - WATER CONTACT SPORTS



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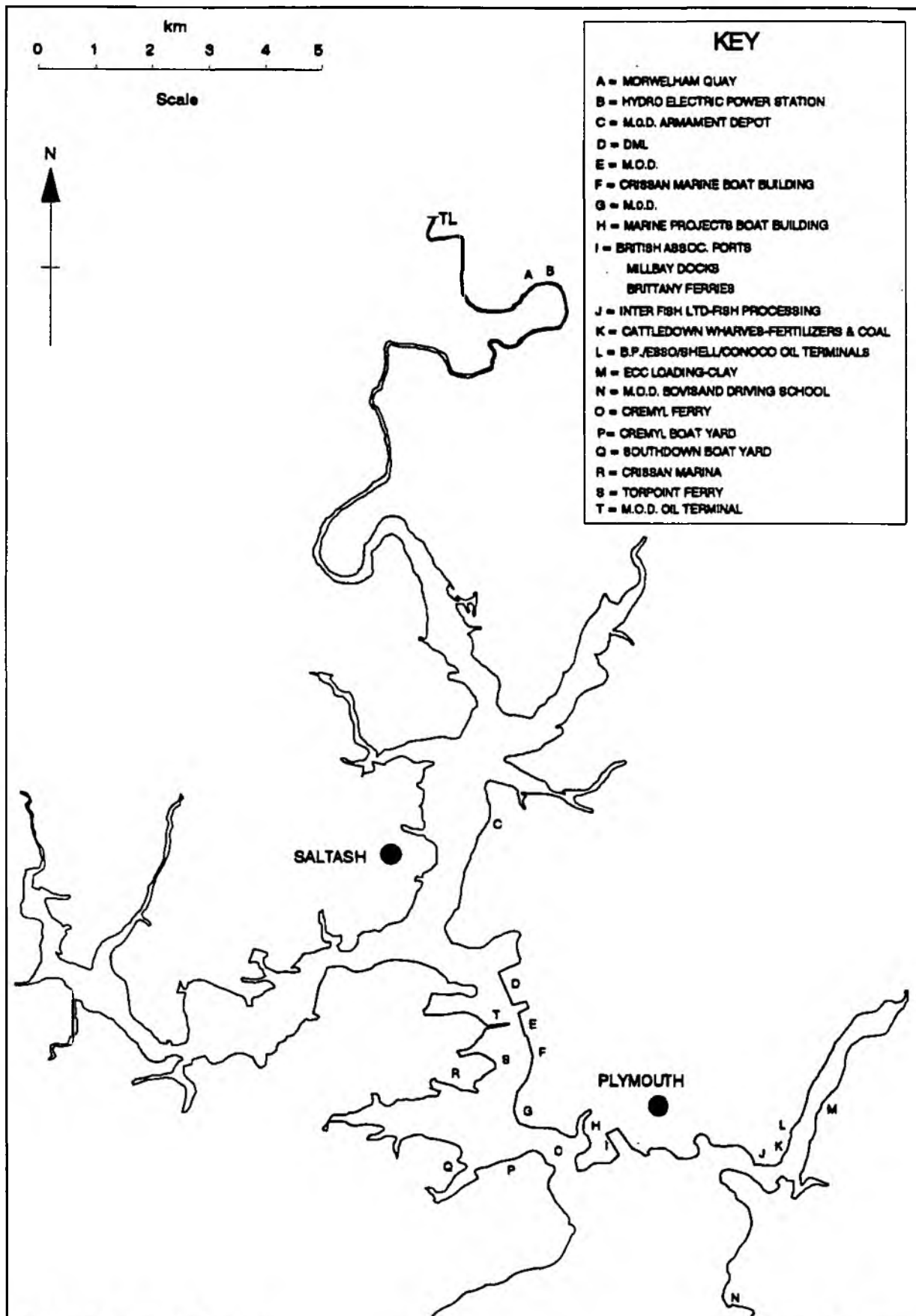
TAMAR ESTUARY - WEMBURY TO PORTWRINKLE - BATHING WATERS



N.R.A. - SOUTH WEST REGION

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TAMAR ESTUARY - INDUSTRY



TITLE: NATIONAL RIVERS AUTHORITY - SOUTH WEST REGION

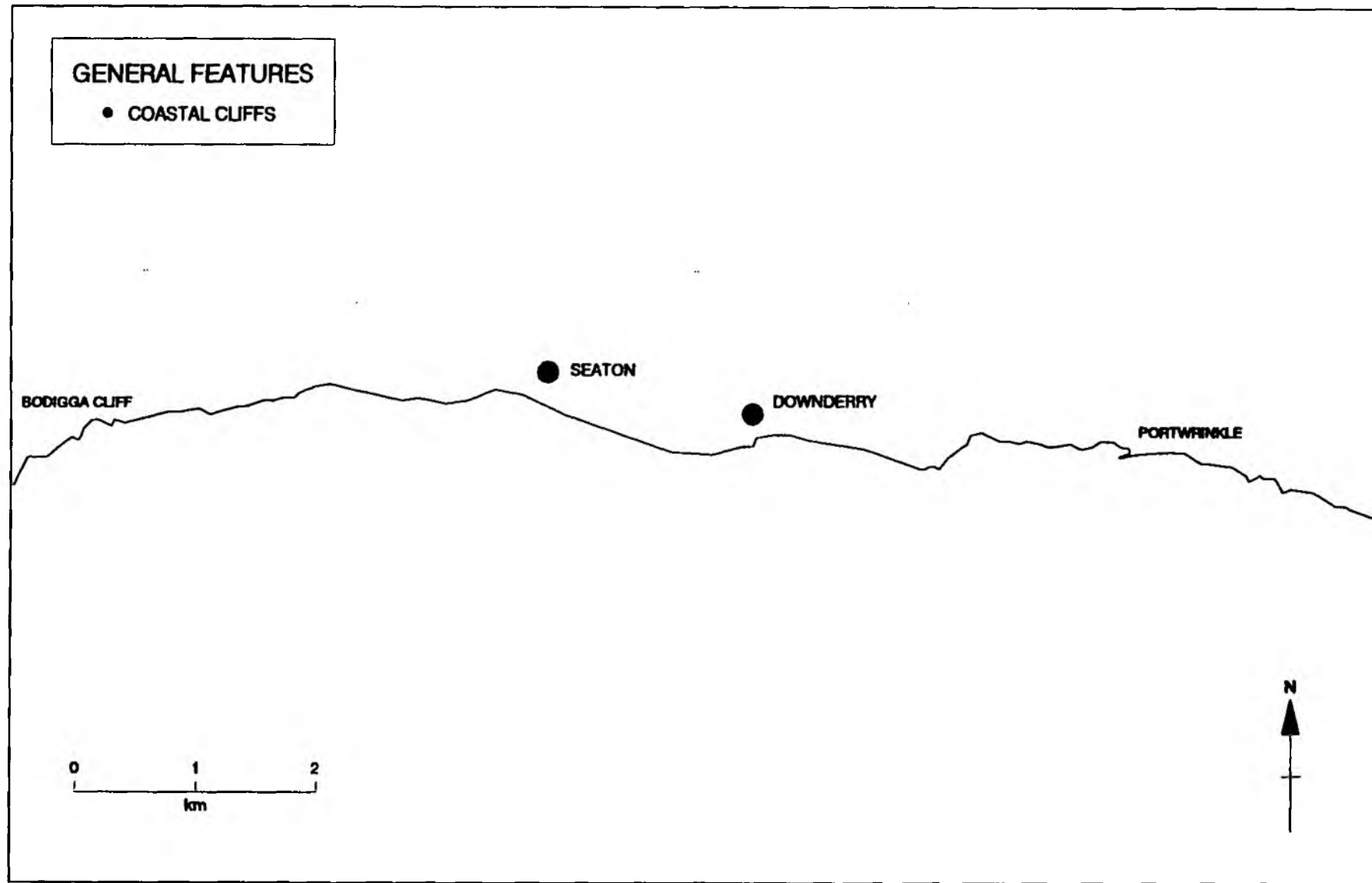
IDENTIFIED USES OF TIDAL WATERS

LAST UPDATE 16.12.92

VERSION: 2

		OBJECTIVES					
MAP NO	MAP TITLE	CATCHMENT AREAS & NGR BOUNDARIES	GENERAL ECOSYSTEM	SPECIAL ECOSYSTEM	MIGRATORY FISH	COMMERCIAL FISH	SHELL FISH
18	Portwrinkle to Bodigga Cliff	12a = SX 453540 SX 333532 13a = SX 333532 SX 288543 14a = SX 288543	Entire area	SSSI CNCS	Entire area	Inshore & Pair Trawling Hand Lining for Mackerel Nets up to 4 miles out Fixed Surface Nets	Scallops Crab Pots up to 4 miles out

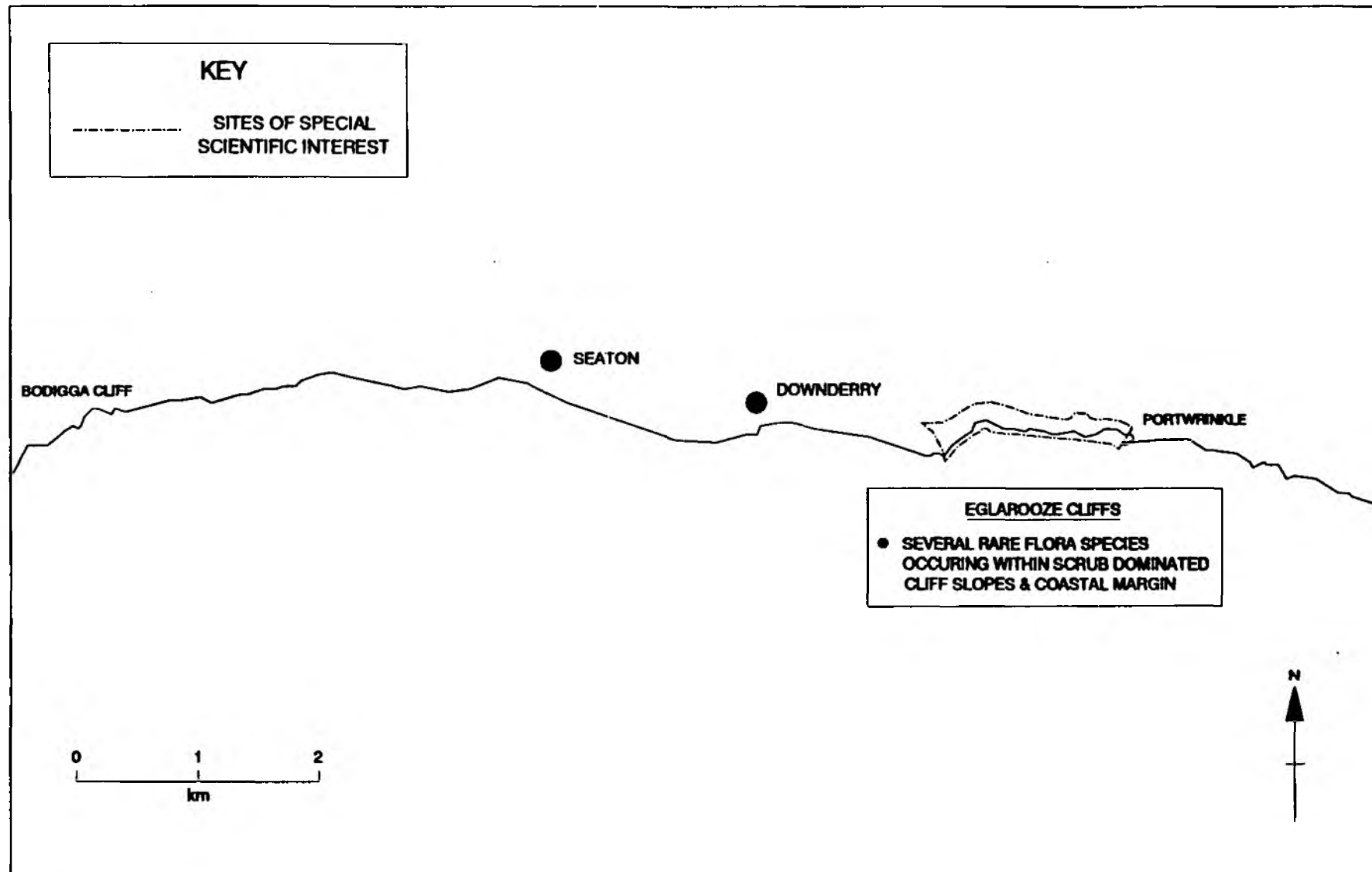
PORTWRINKLE TO BODIGGA CLIFF - GENERAL ECOSYSTEM CONSERVATION



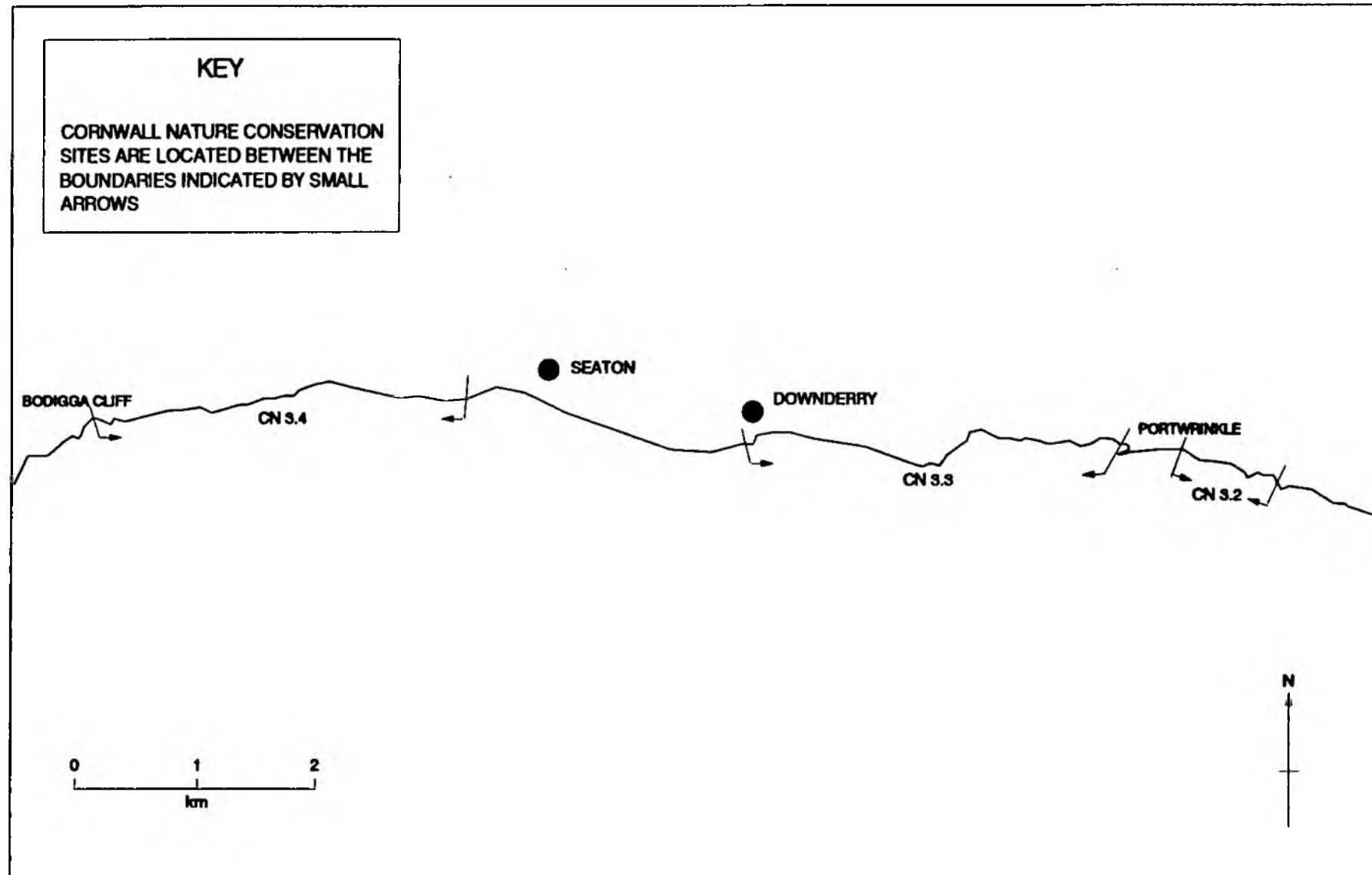
N.R.A. - SOUTH WEST REGION

VERSION: 2 OCT 1982

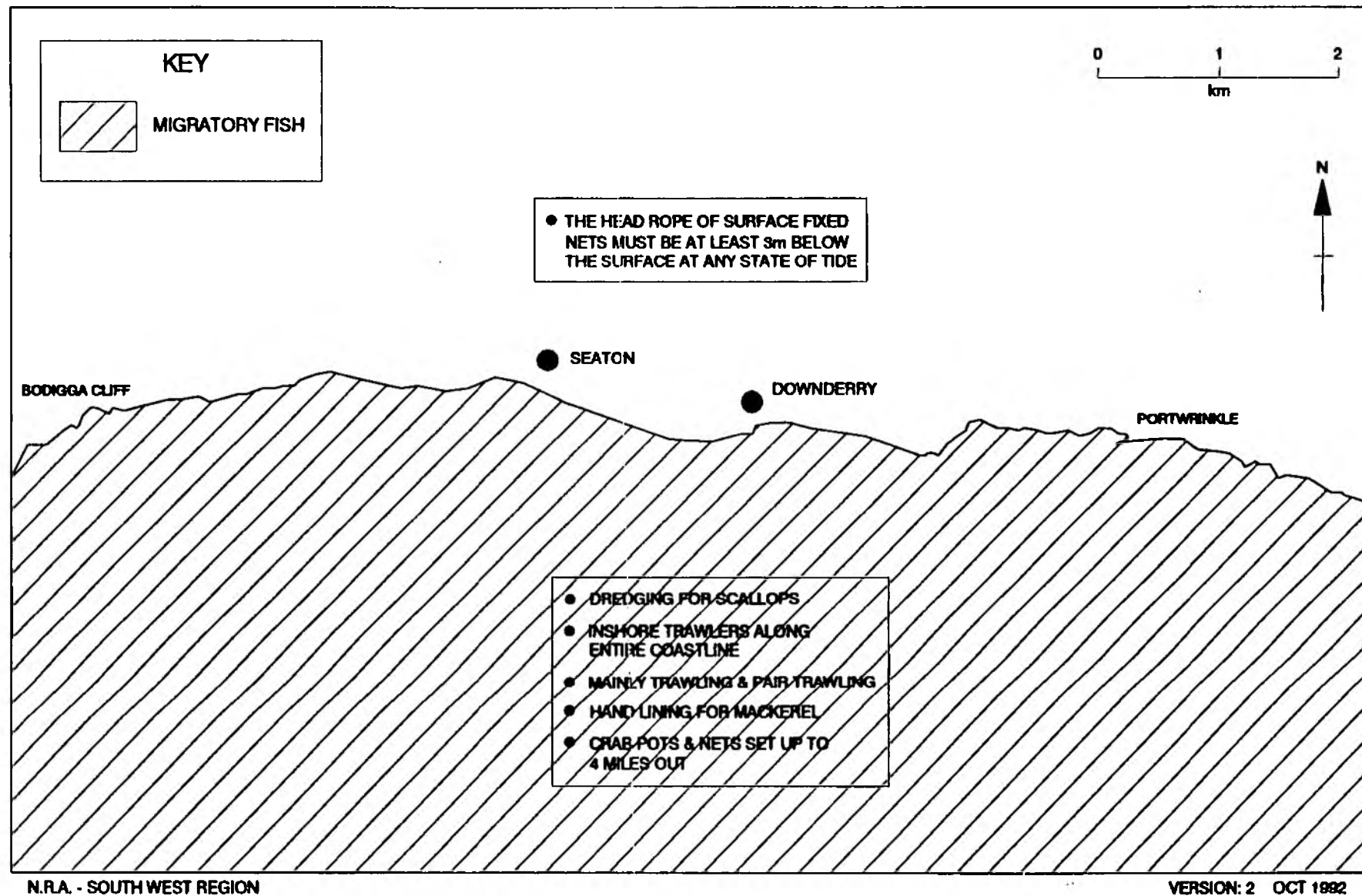
PORTWRINKLE TO BODIGGA CLIFF - SPECIAL ECOSYSTEM CONSERVATION (MAP 1)



PORTWRINKLE TO BODIGGA CLIFF - SPECIAL ECOSYSTEM CONSERVATION (MAP 2)



PORTWRINKLE TO BODIGGA CLIFF - FISH

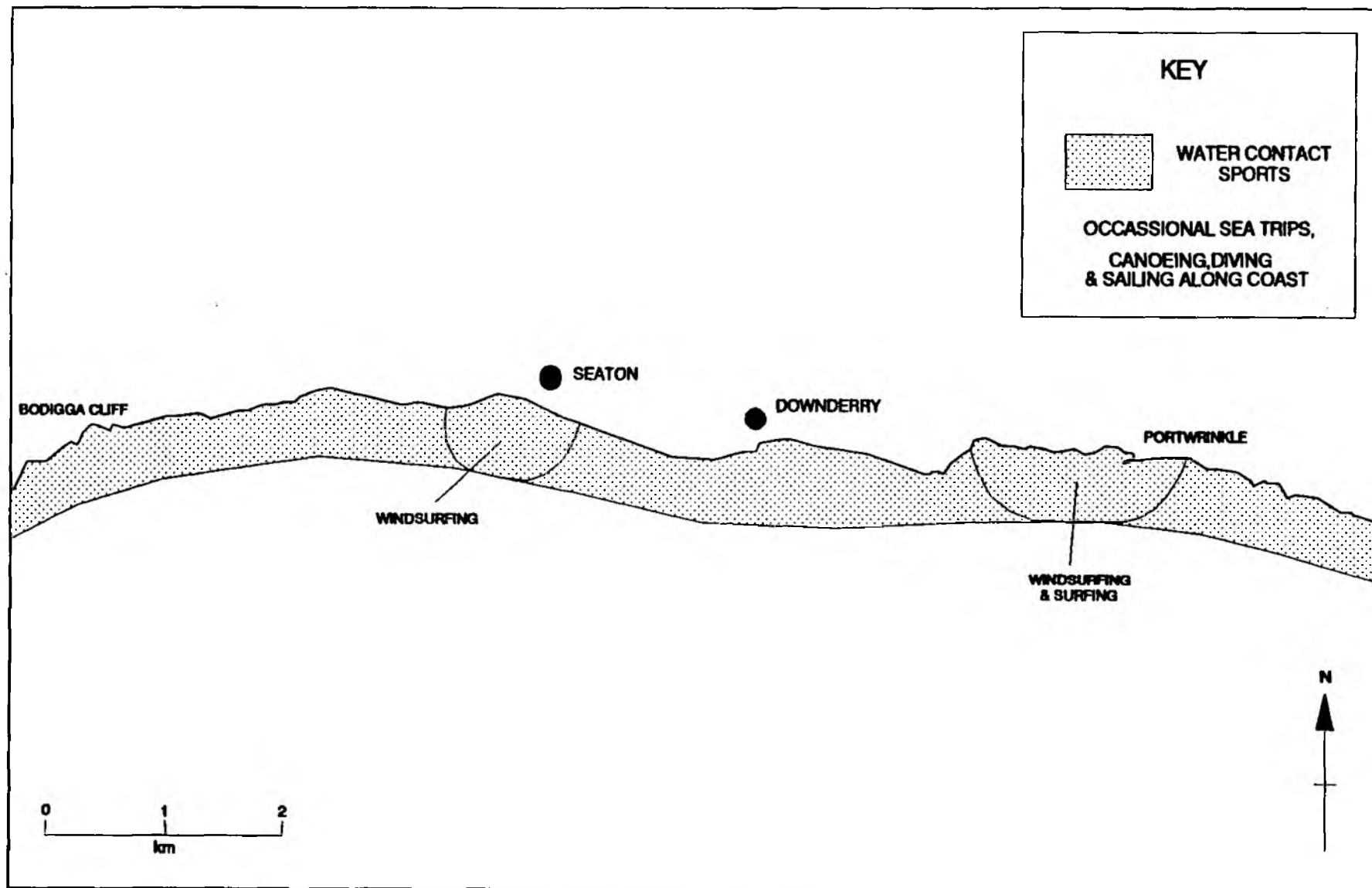


TITLE: NATIONAL RIVERS AUTHORITY - SOUTH WEST REGION
 LAST UPDATE 16.12.92
 VERSION: 2

IDENTIFIED USES OF TIDAL WATERS

		OBJECTIVES						
MAP NO	MAP TITLE	BASIC AMENITIES	WATER CONTACT SPORTS	(1)	BATHING WATERS	(2)	INDUSTRY	EMERGENCY SERVICES
18	Portwrinkle to Bodigga Cliff	Coastal Footpath (No map)	Windsurfing Surfing Canoeing Diving Sailing	F I I V V	Long Sands Portwrinkle Beach Downderry Beach Seaton Beach Britain Point Beach	ECM ECM ECM		

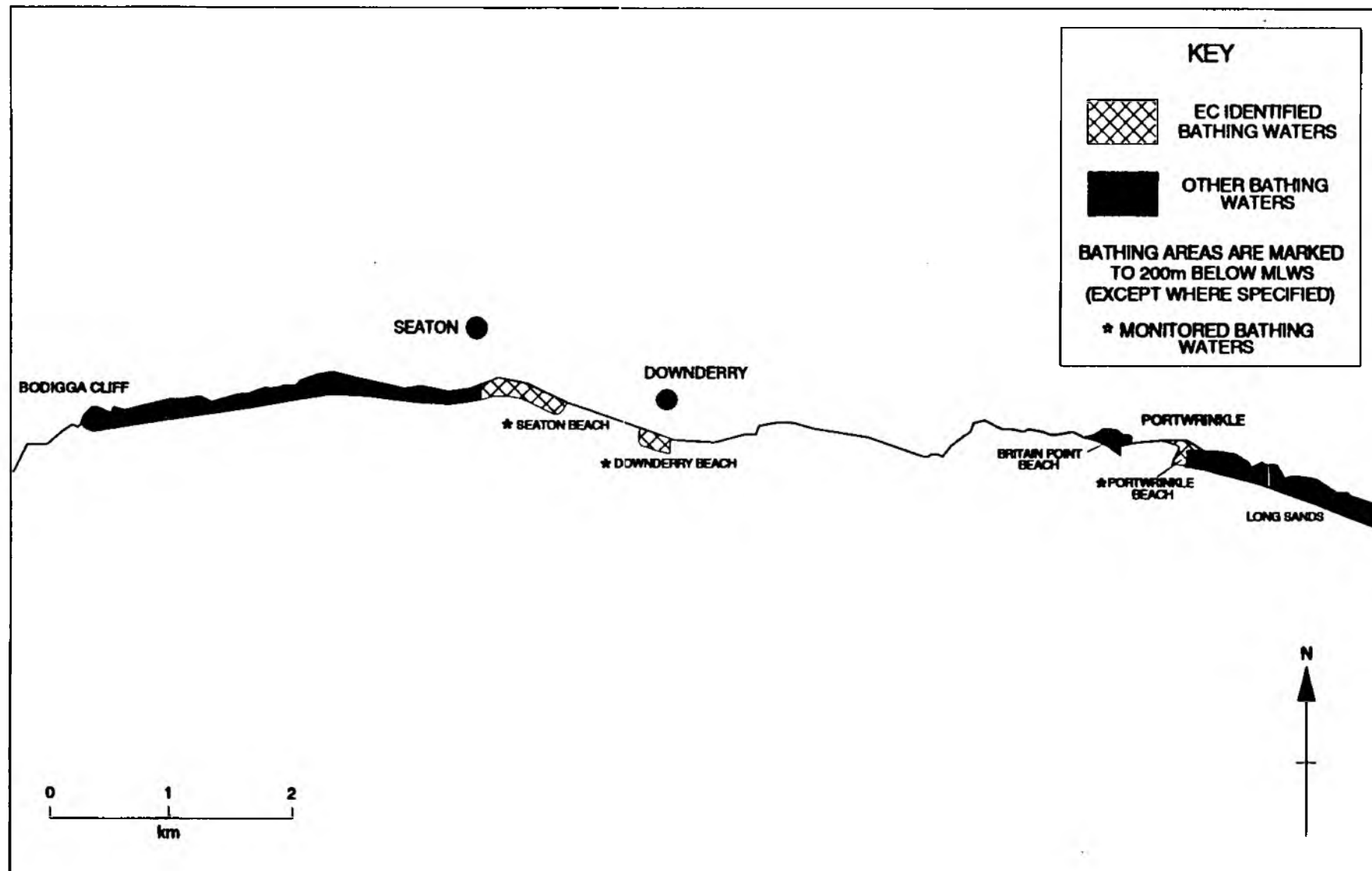
PORTWRINKLE TO BODIGGA CLIFF - WATER CONTACT SPORTS



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VERSION: 2 OCT 1992

PORTWRINKLE TO BODIGGA CLIFF - BATHING WATERS



N.R.A. - SOUTH WEST REGION

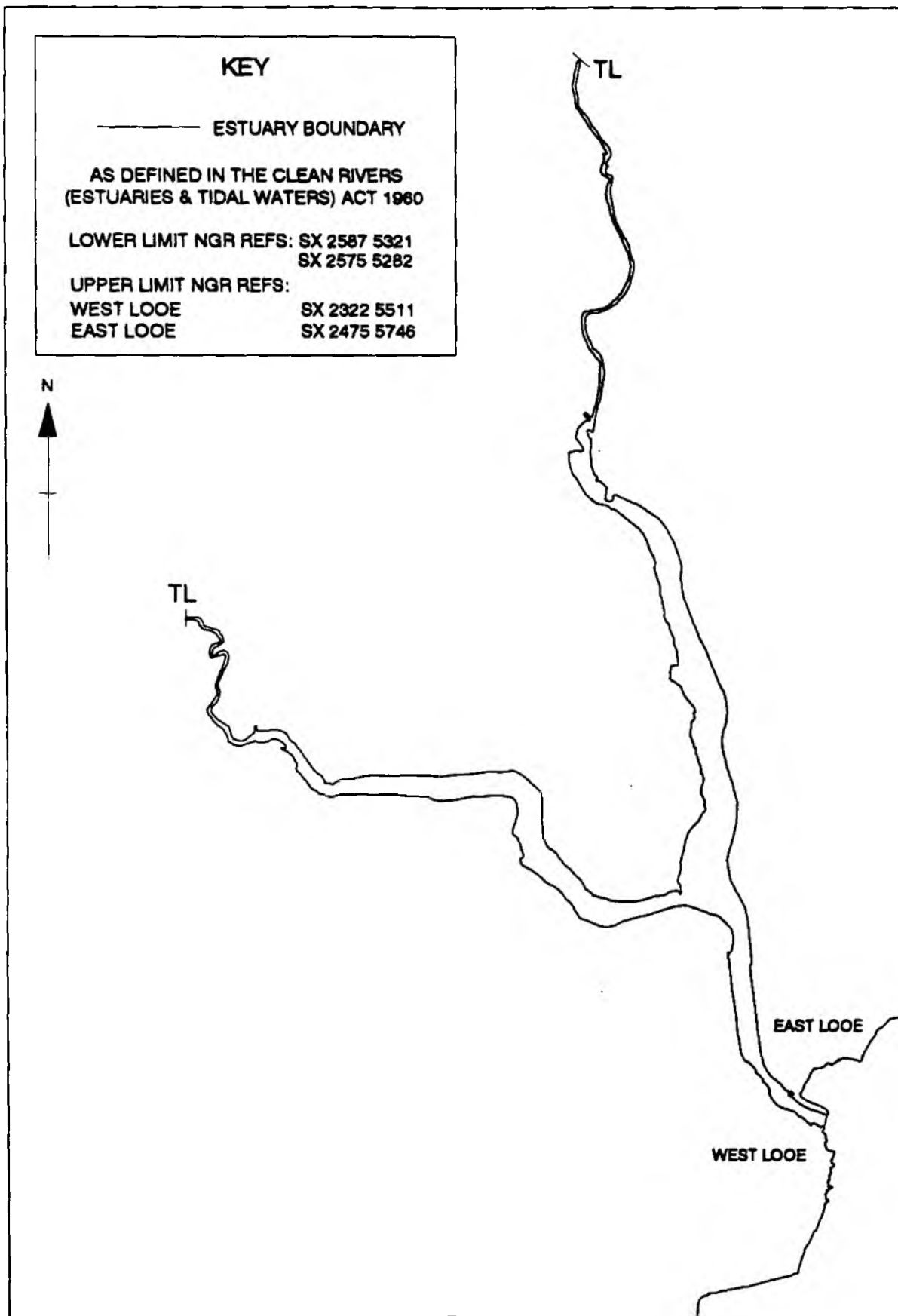
VERSION: 1 JULY 1992

TITLE: NATIONAL RIVERS AUTHORITY - SOUTH WEST REGION
 LAST UPDATE 16.12.92
 VERSION: 2

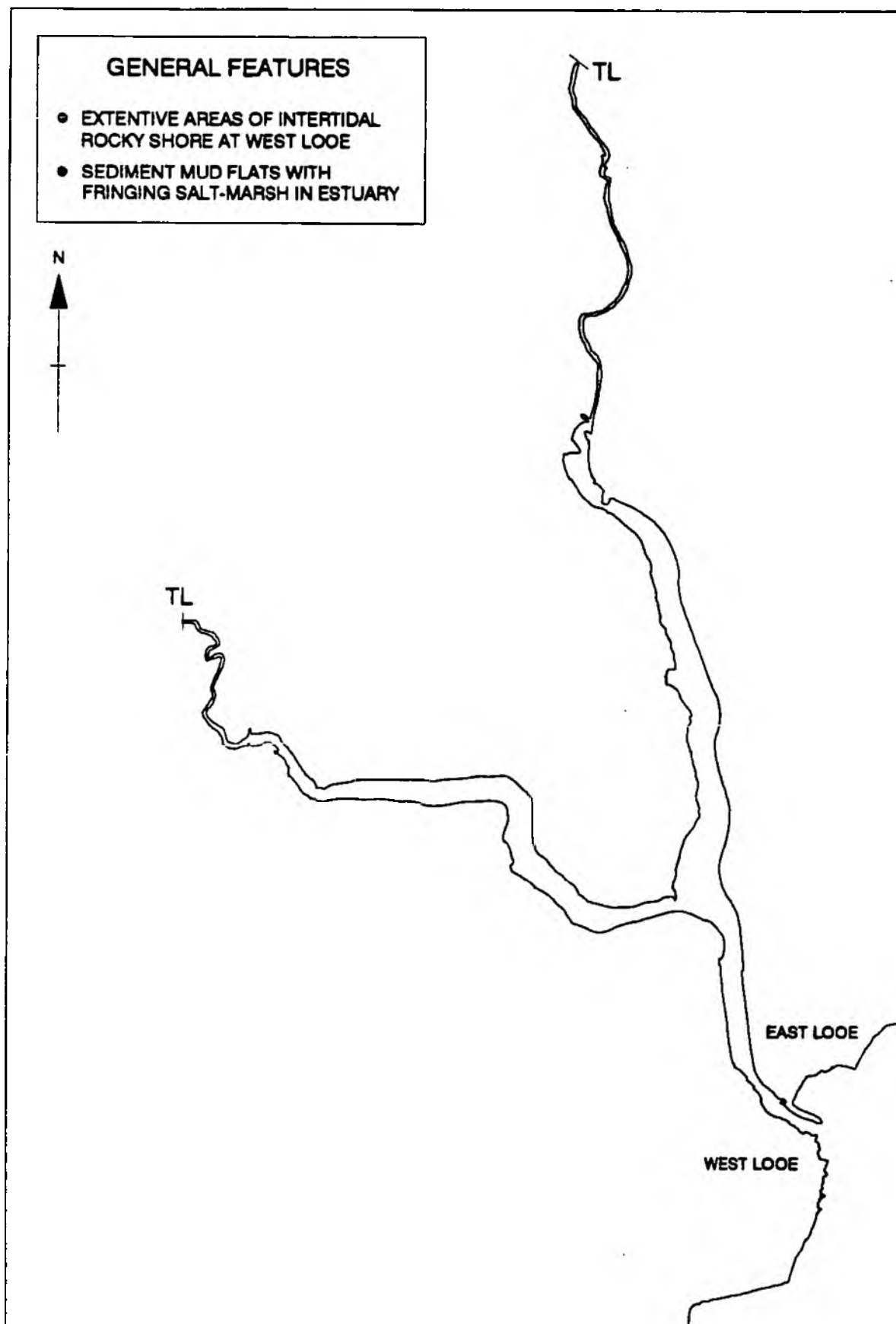
IDENTIFIED USES OF TIDAL WATERS

		OBJECTIVES					
MAP NO	MAP TITLE	CATCHMENT AREAS & NGR BOUNDARIES	GENERAL ECOSYSTEM	SPECIAL ECOSYSTEM	MIGRATORY FISH	COMMERCIAL FISH	SHELL FISH
19	Looe Estuary (Bodigga Cliff to Hore Stone)	14a = SX 288543 SK 125506	General Features	Heritage Coast AONB CWCS Marine Conservation Site	Entire area	Inshore & Pair Trawling Eel Netting Hand Lining for Mackerel Fishing Harbour at Looe Fixed Surface Nets	Scallops

LOOE ESTUARY - ESTUARY BOUNDARY



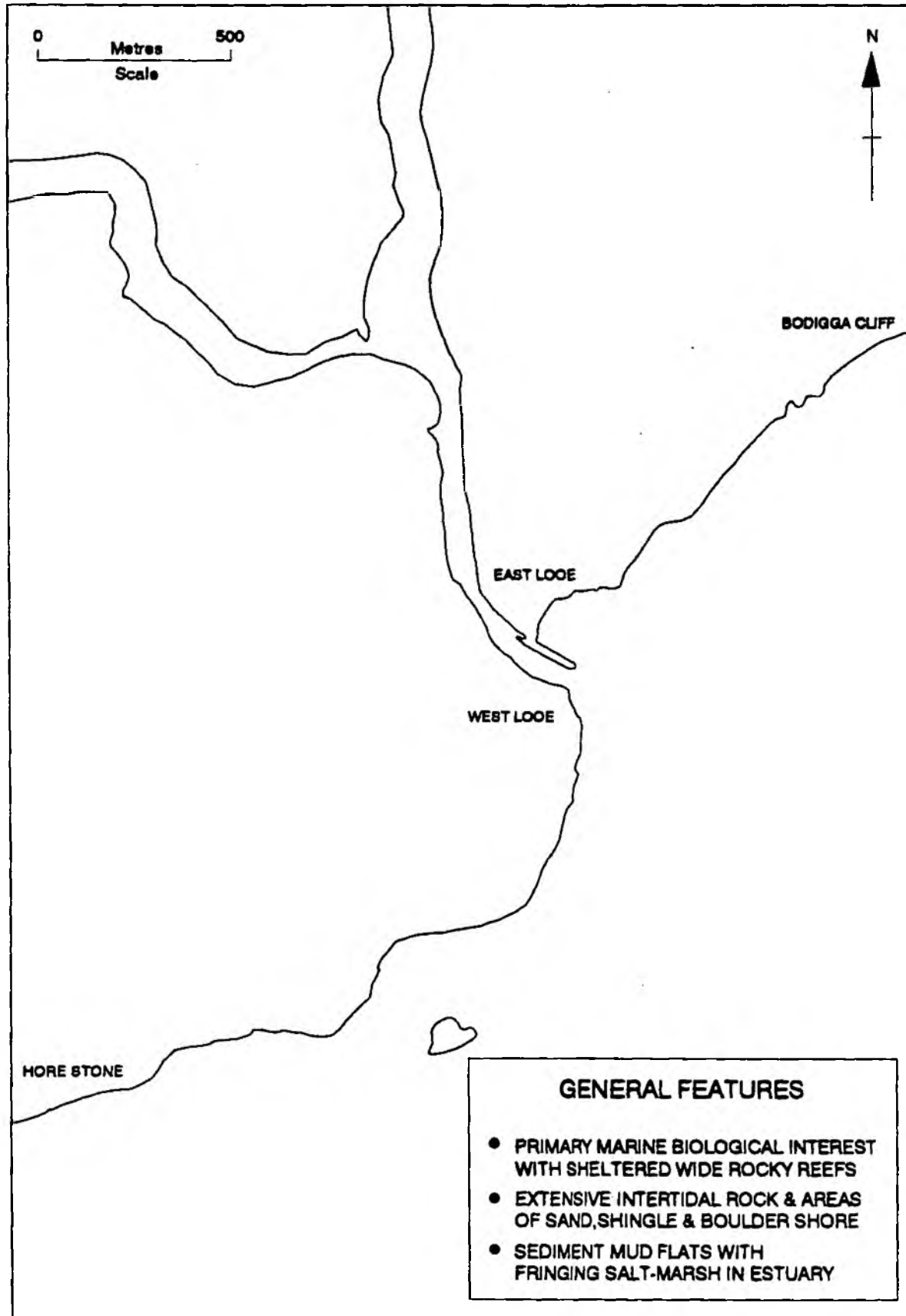
LOOE ESTUARY - GENERAL ECOSYSTEM CONSERVATION



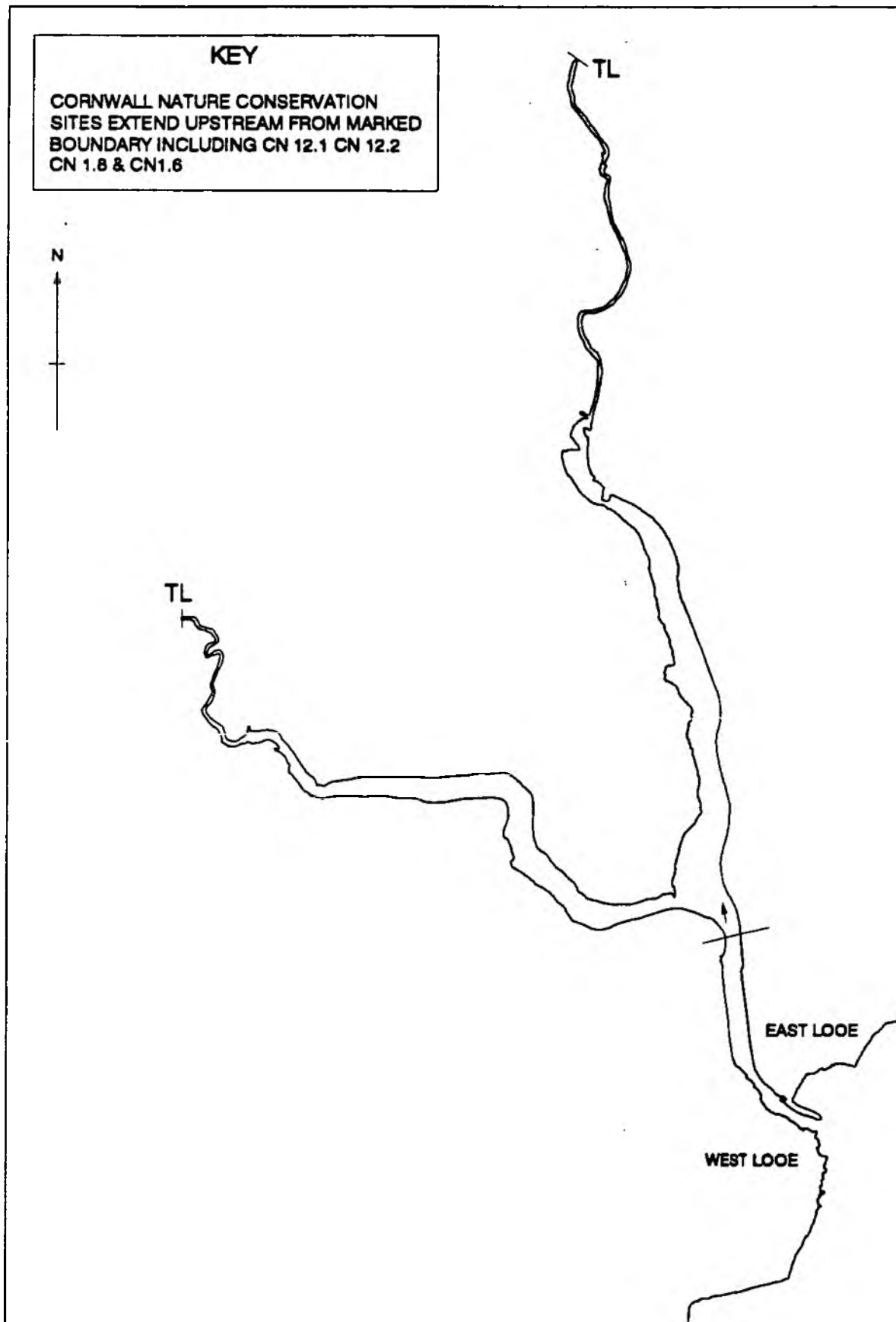
N.R.A. - SOUTH WEST REGION

VERSION: 2 OCT 1992

**BODIGGA CLIFF TO HORE STONE
GENERAL ECOSYSTEM CONSERVATION**



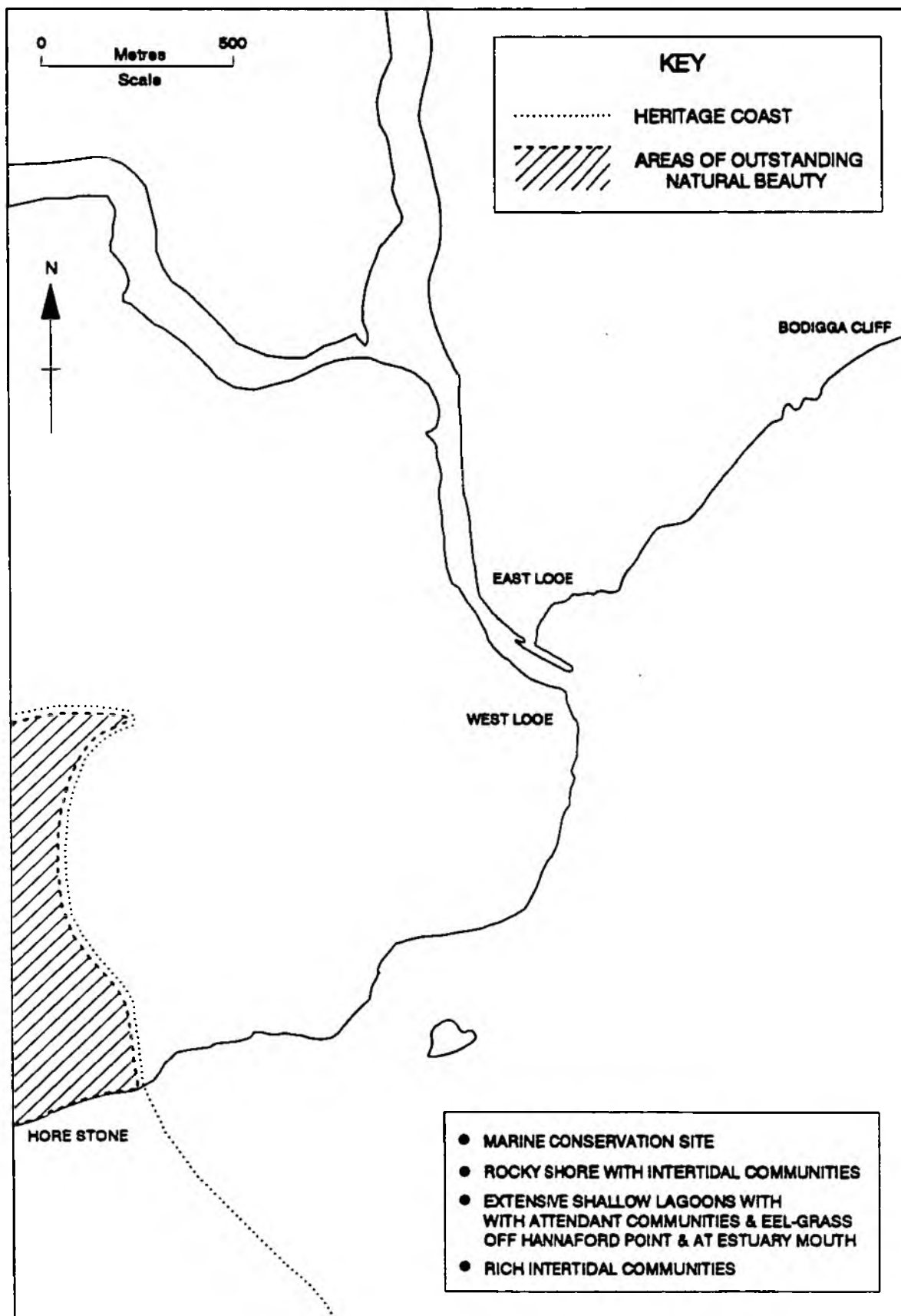
LOOE ESTUARY - SPECIAL ECOSYSTEM CONSERVATION



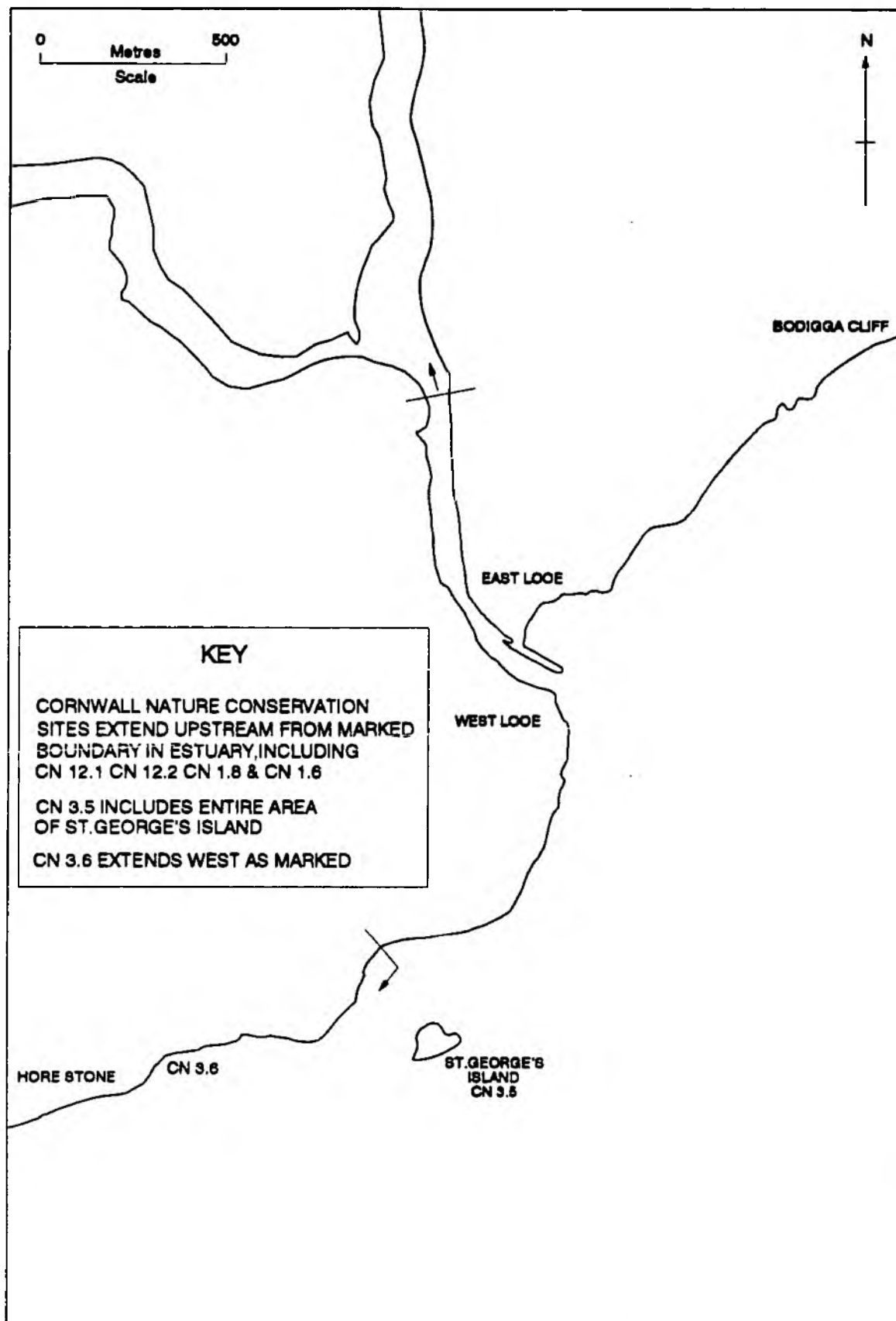
N.R.A. - SOUTH WEST REGION

VERSION: 1 OCT 1992

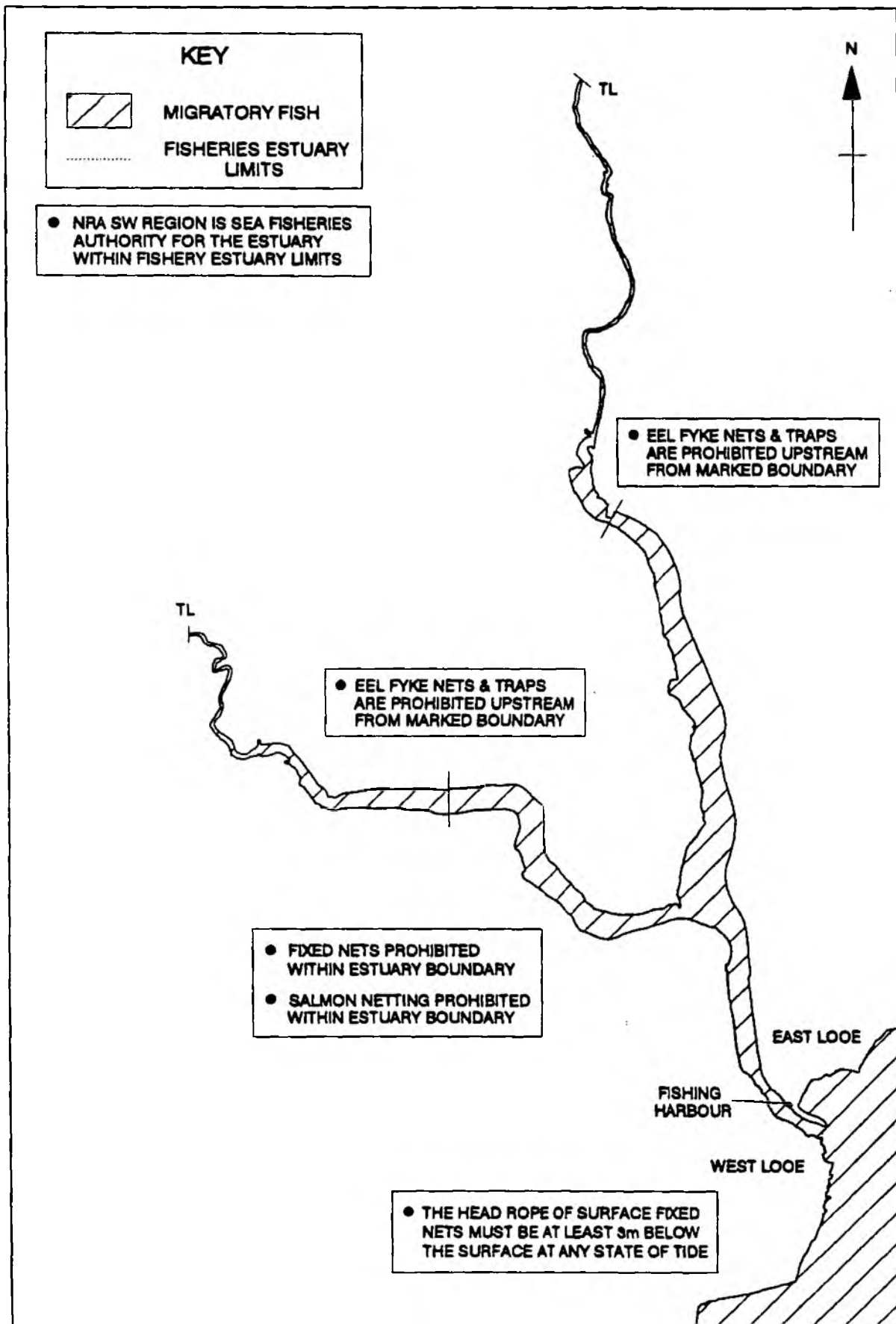
**BODIGGA CLIFF TO HORE STONE
SPECIAL ECOSYSTEM CONSERVATION (MAP 1)**



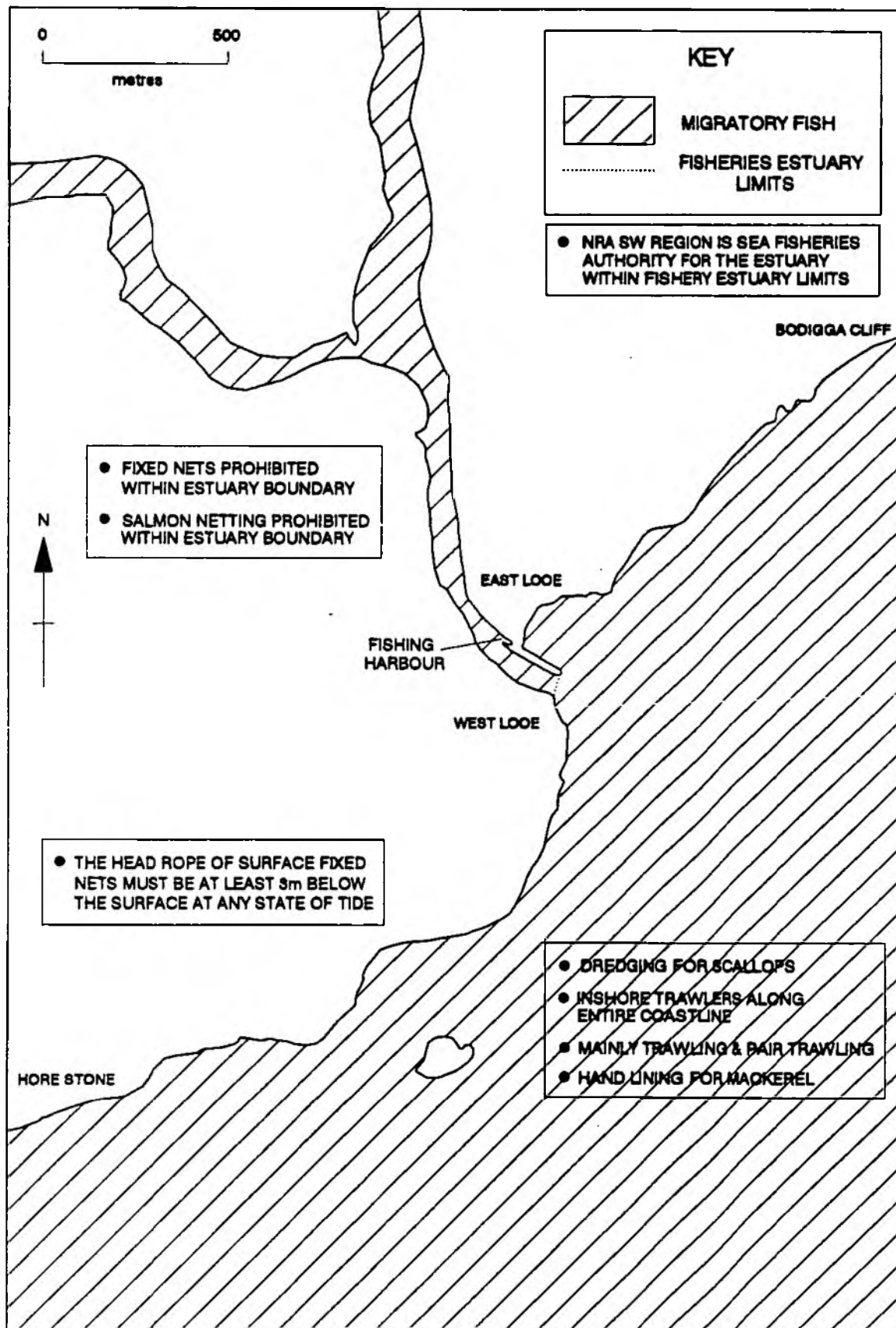
**BODIGGA CLIFF TO HORE STONE
SPECIAL ECOSYSTEM CONSERVATION (MAP 2)**



LOOE ESTUARY - FISH



BODIGGA CLIFF TO HORE STONE - FISH

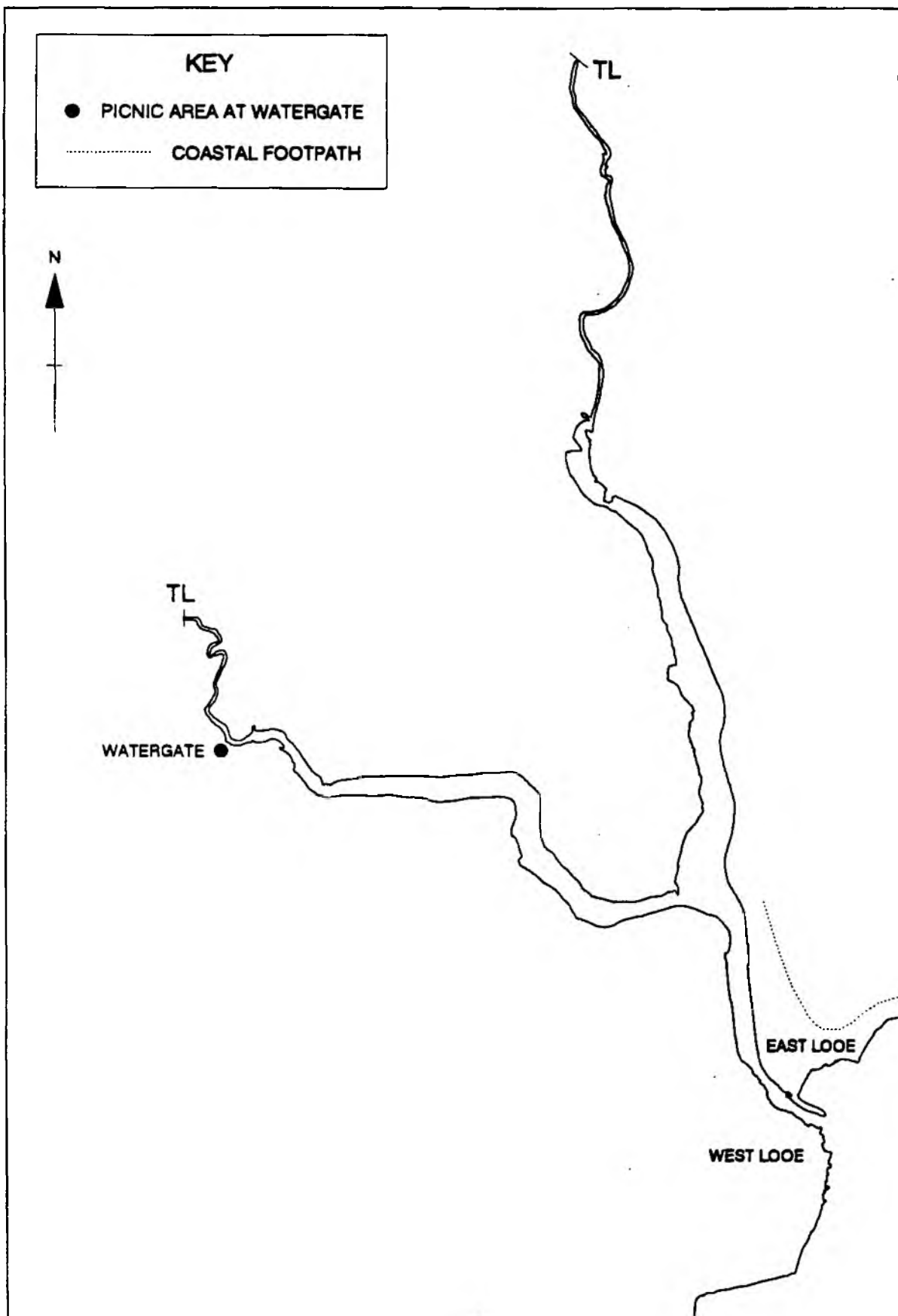


TITLE: NATIONAL RIVERS AUTHORITY - SOUTH WEST REGION
 LAST UPDATE 16.12.92
 VERSION: 2

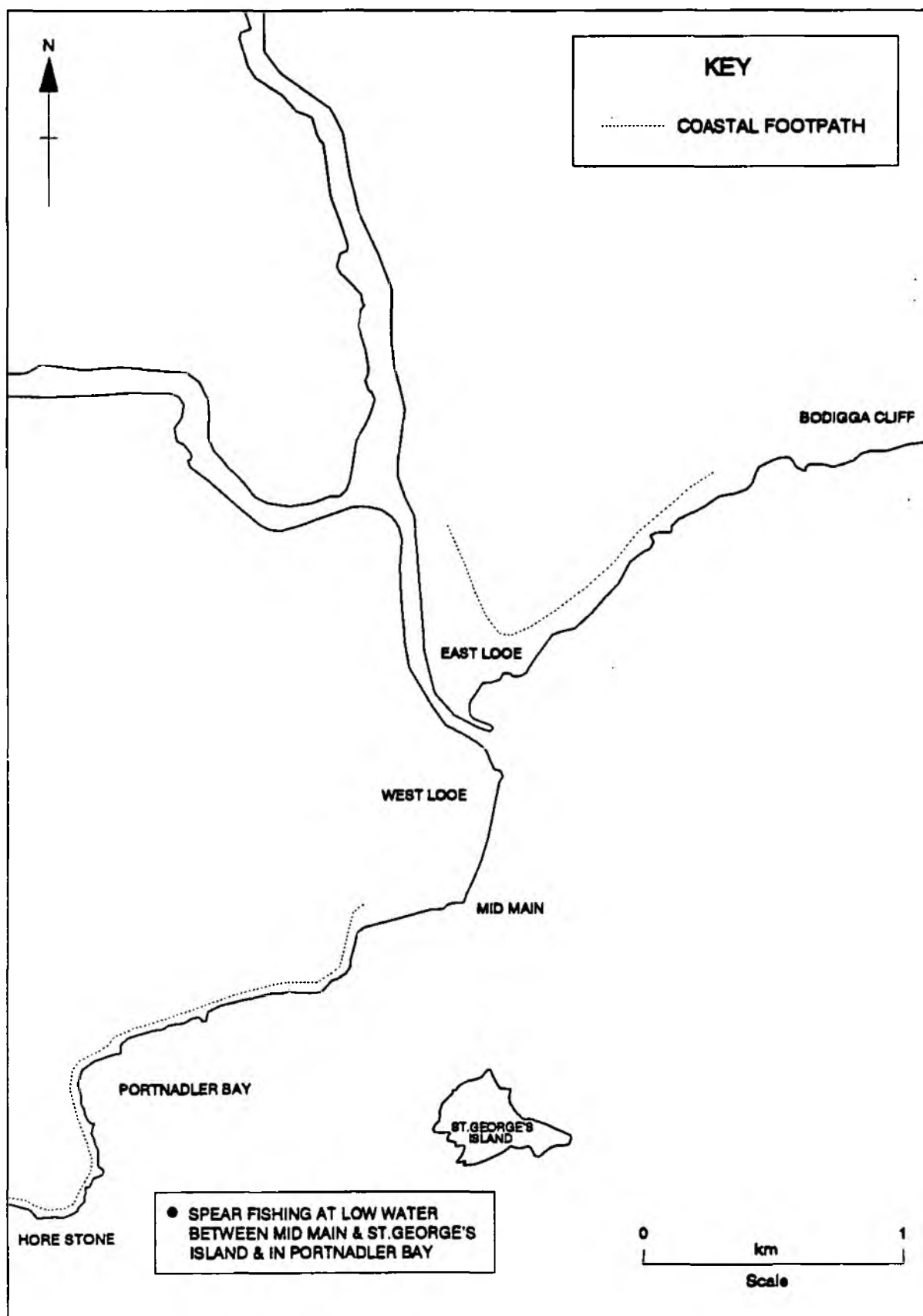
IDENTIFIED USES OF TIDAL WATERS

		OBJECTIVES						
MAP NO	MAP TITLE	BASIC AMENITIES	WATER CONTACT SPORTS	(1)	BATHING WATERS	(2)	INDUSTRY	EMERGENCY SERVICES
19	Looe Estuary (Bodigga Cliff to Hore Stone)	Coastal Footpath Spear Fishing at Low Water Picnic Area at Watergate	Windsurfing Diving Canoeing Sailing Parascending Water Skiing Jet Skiing	F V F V	Millendreath Beach Plaidy Beach East Looe Beach Hannafore Beach Plaidy Beach (East) Pier Sand Banks	ECM M ECM M	Boat Builders	

LOOE ESTUARY - BASIC AMENITIES



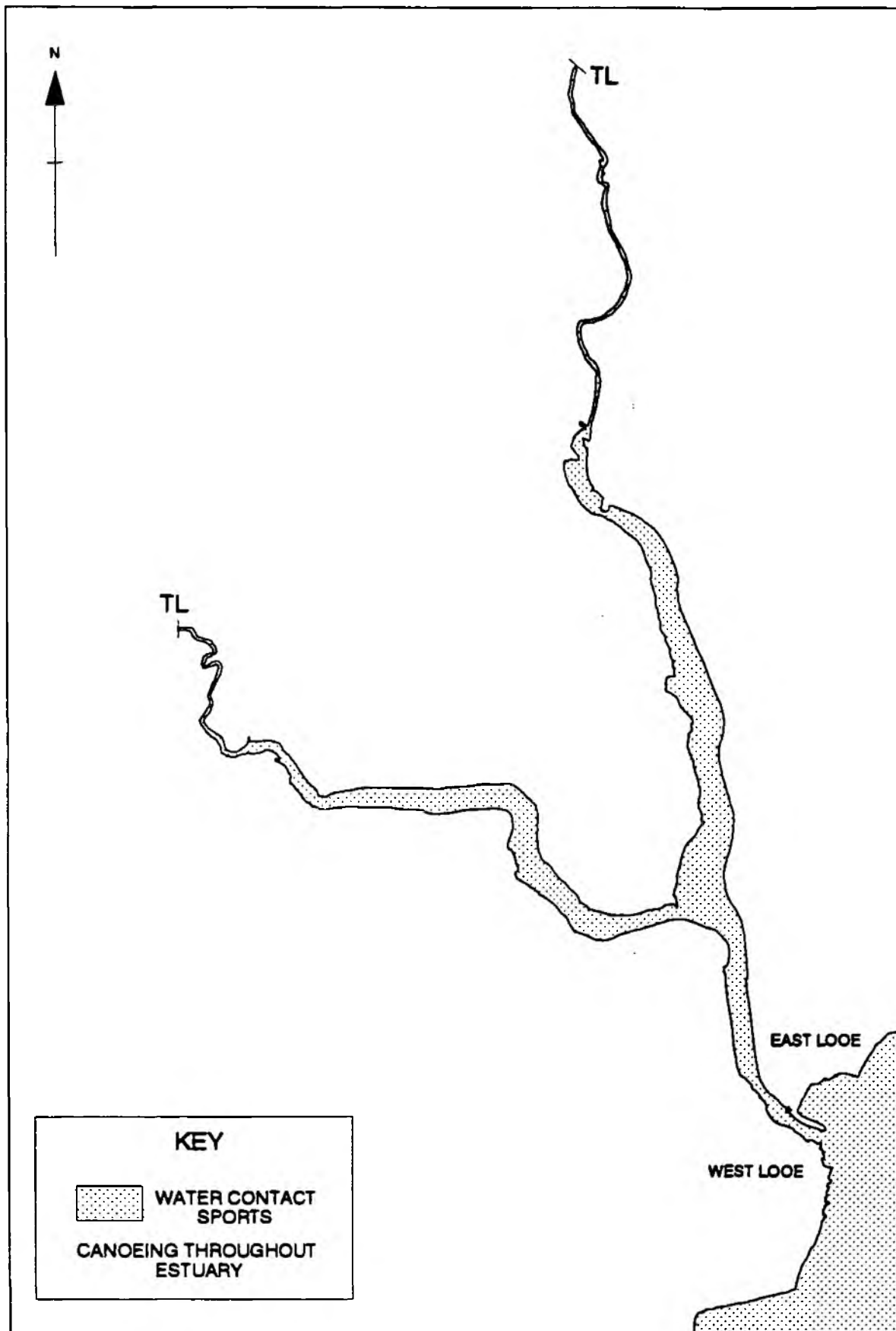
BODIGGA CLIFF TO HORE STONE - BASIC AMENITIES



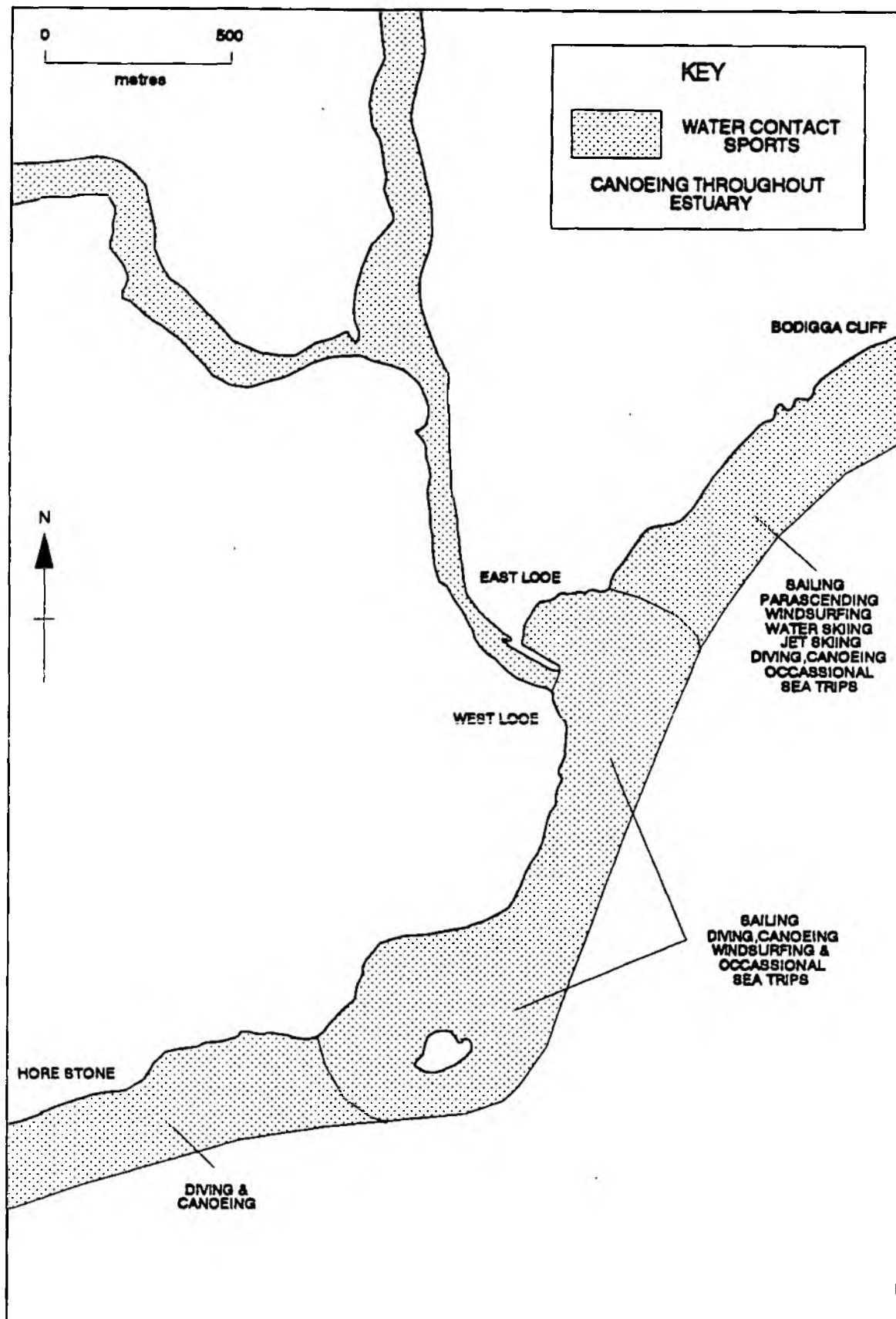
N.R.A. - SOUTH WEST REGION

VERSION: 2 OCT 1992

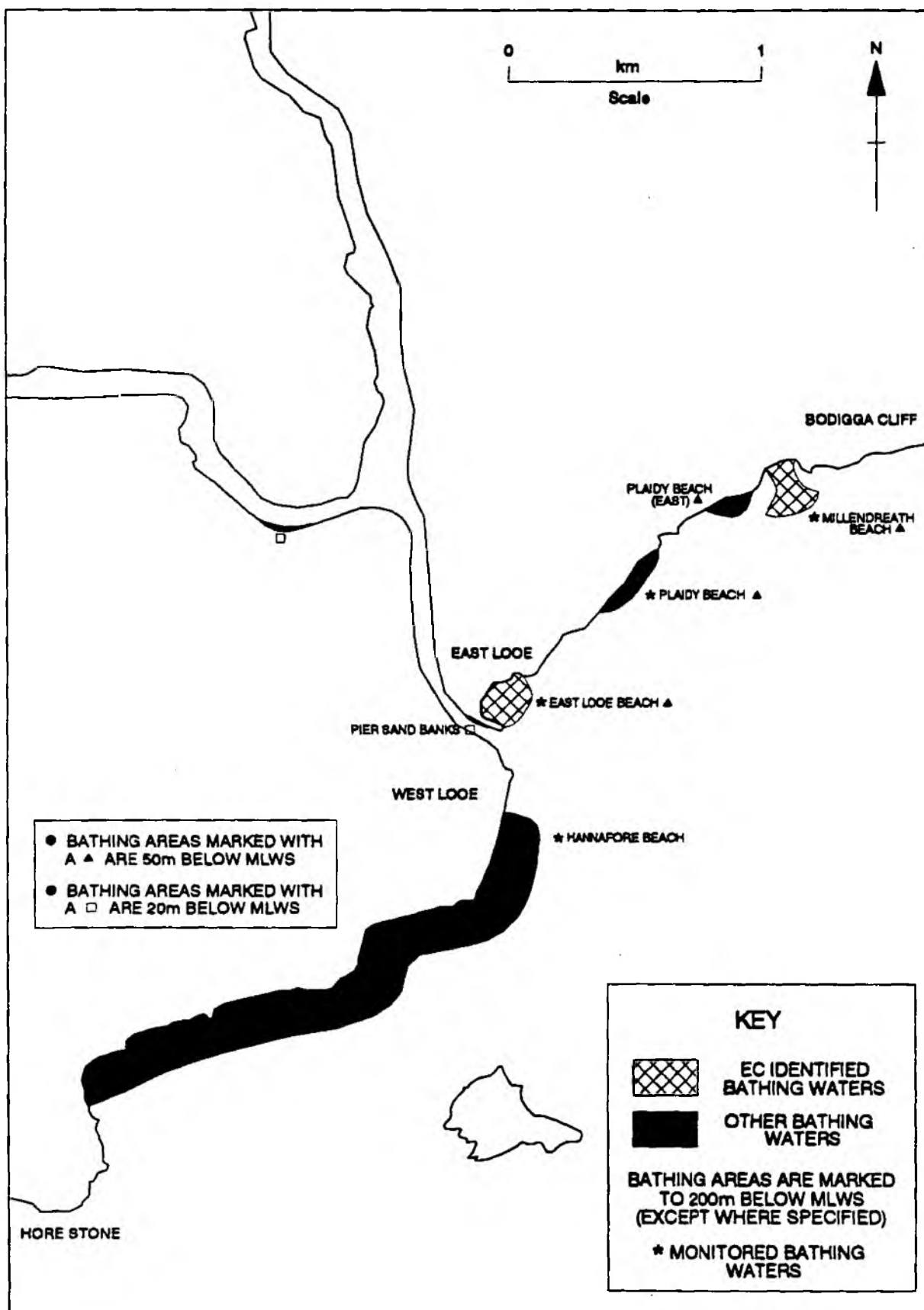
LOOE ESTUARY - WATER CONTACT SPORTS



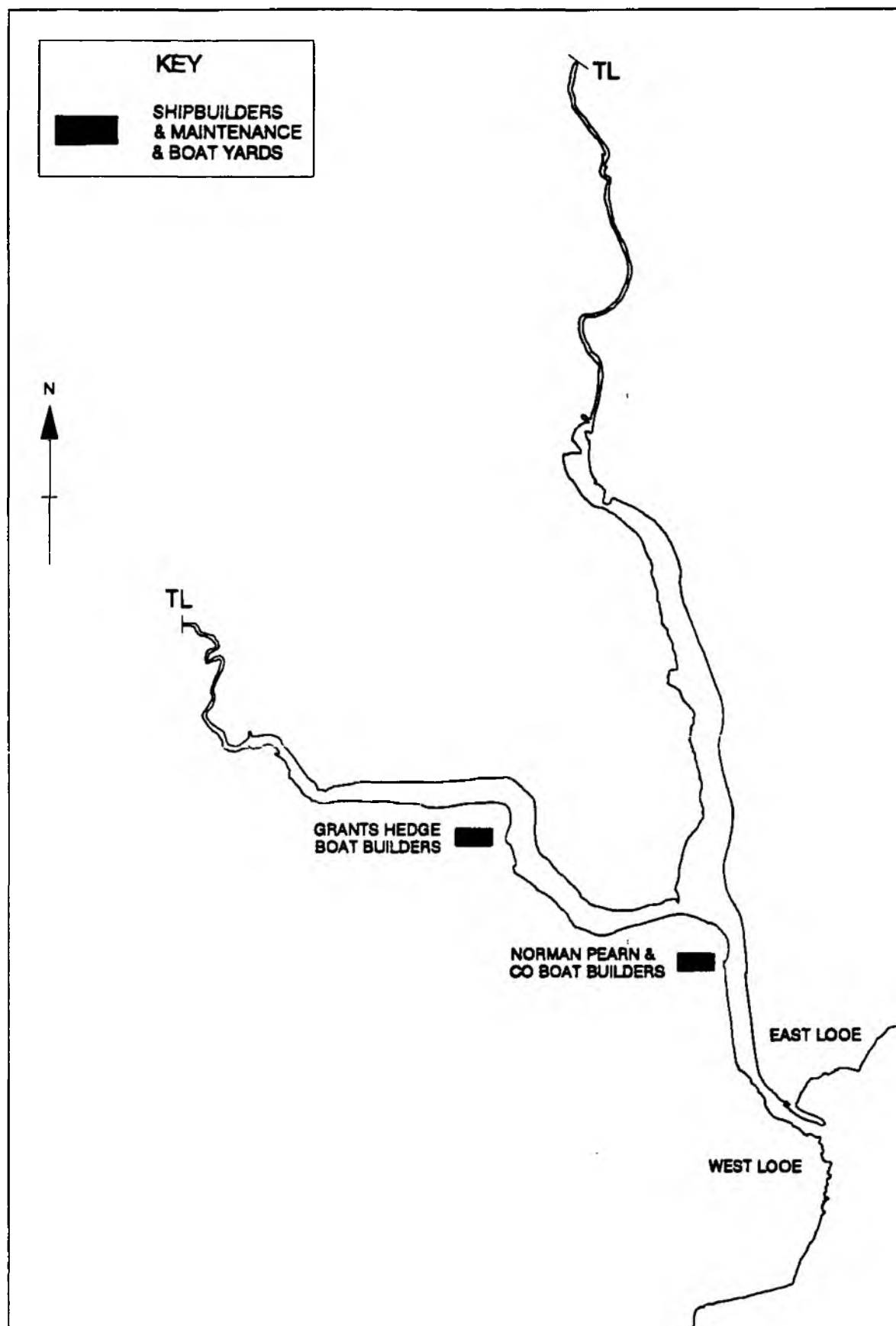
BODIGGA CLIFF TO HORE STONE - WATER CONTACT SPORTS



BODIGGA CLIFF TO HORE STONE - BATHING WATERS



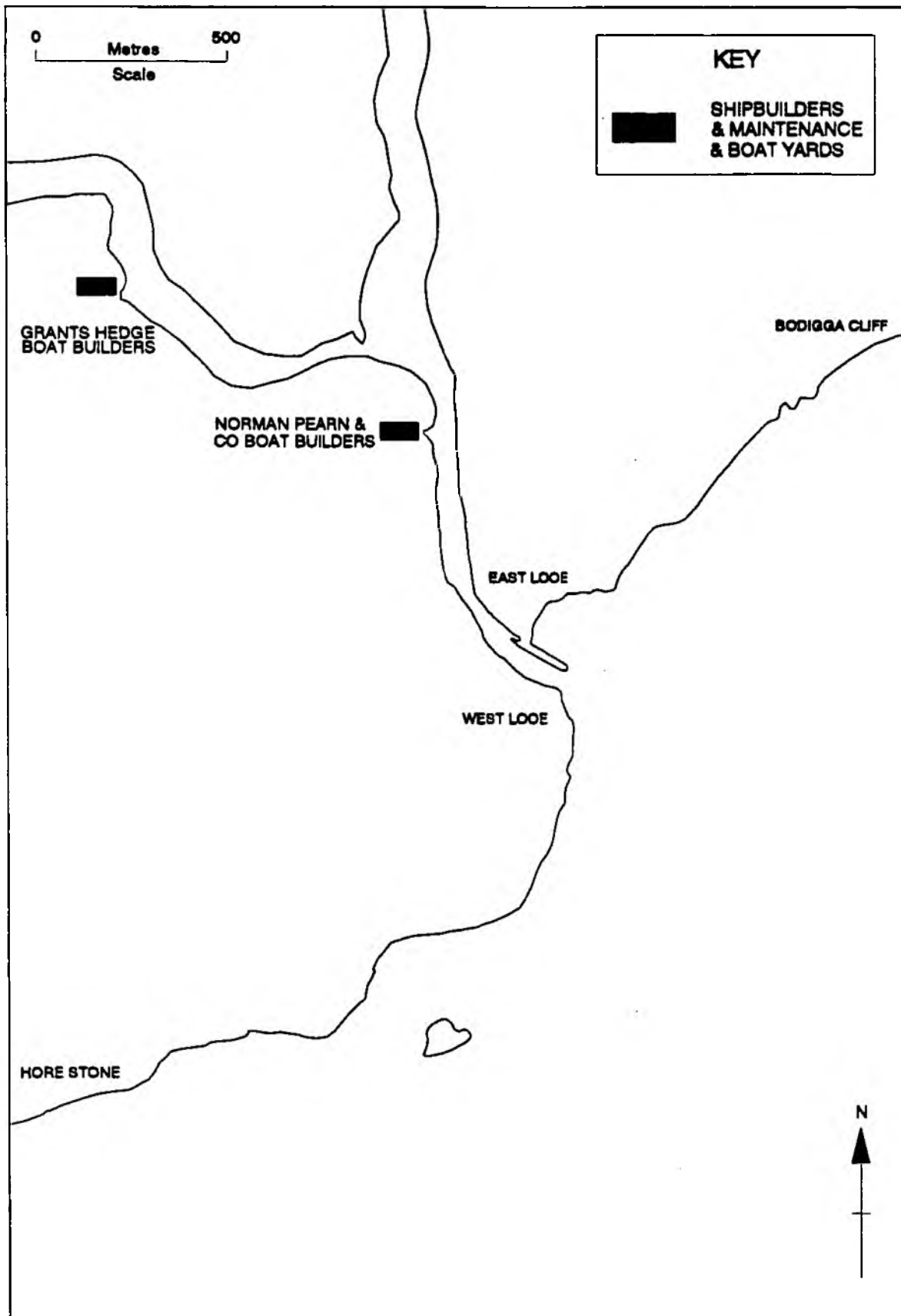
LOOE ESTUARY - INDUSTRY



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BODIGGA CLIFF TO HORE STONE INDUSTRY

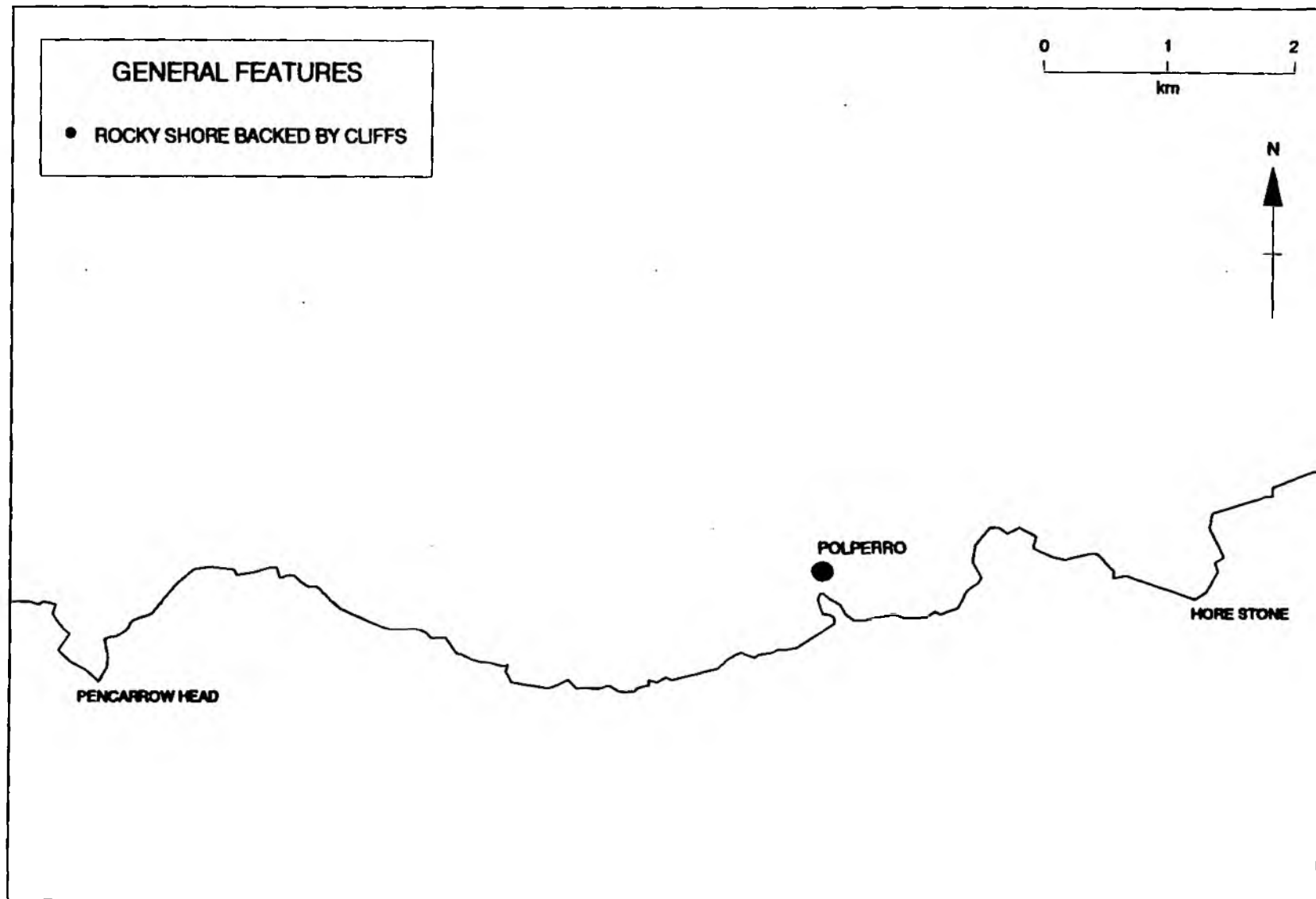


TITLE: NATIONAL RIVERS AUTHORITY - SOUTH WEST REGION
 LAST UPDATE 16.12.92
 VERSION: 2

IDENTIFIED USES OF TIDAL WATERS

		OBJECTIVES					
MAP NO	MAP TITLE	CATCHMENT AREAS & NGR BOUNDARIES	GENERAL ECOSYSTEM	SPECIAL ECOSYSTEM	MIGRATORY FISH	COMMERCIAL FISH	SHELL FISH
20	Hore Stone to Pencarrow Head	14a = SX 288543 SX 125506	General Features	Heritage Coast AONB SSSI CNCS	Entire area	Inshore & Pair Trawling Hand Lining for Mackerel	Scallops Crab Pots & Nets

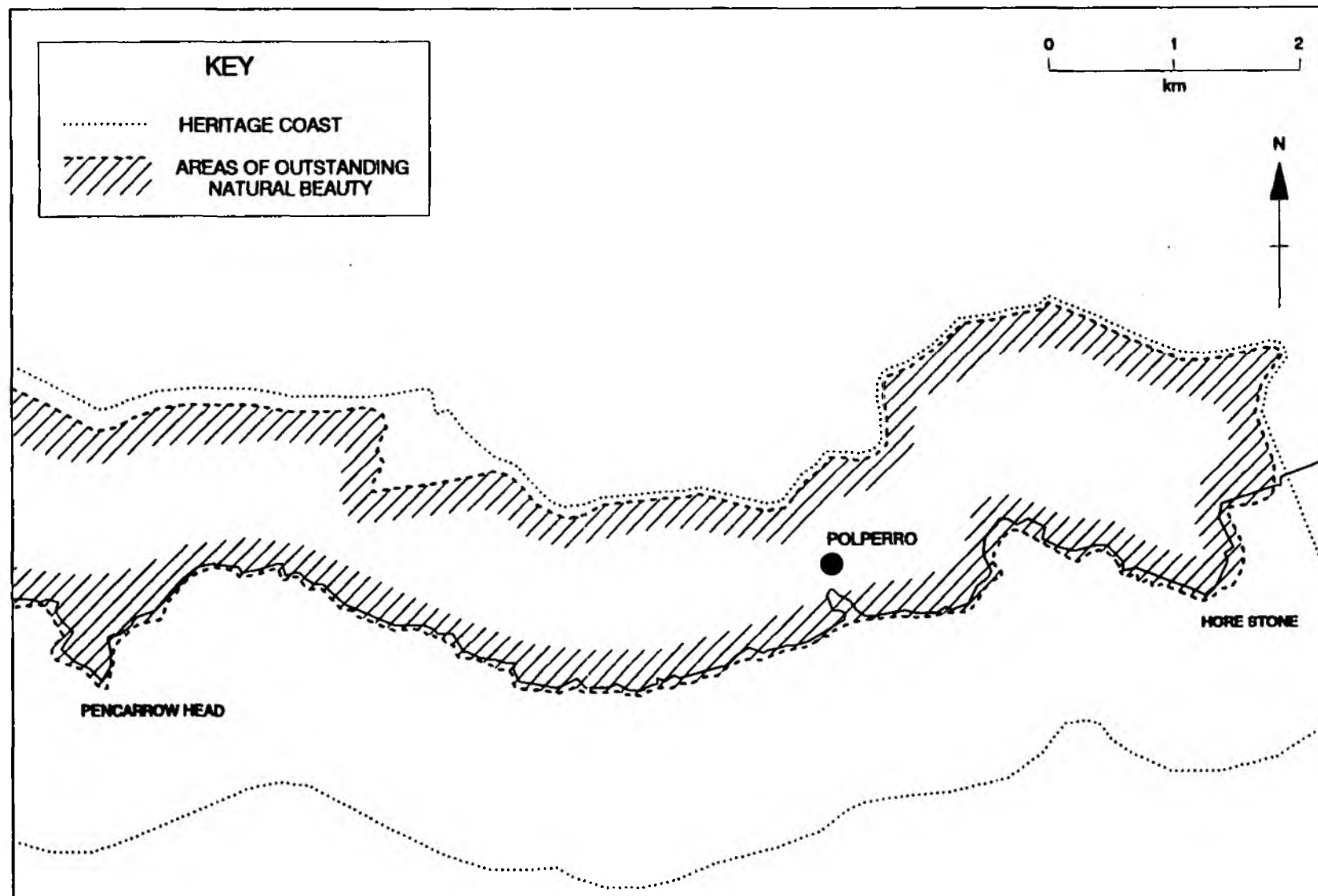
HORE STONE TO PENCARROW HEAD - GENERAL ECOSYSTEM CONSERVATION



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VERSION: 2 OCT 1992

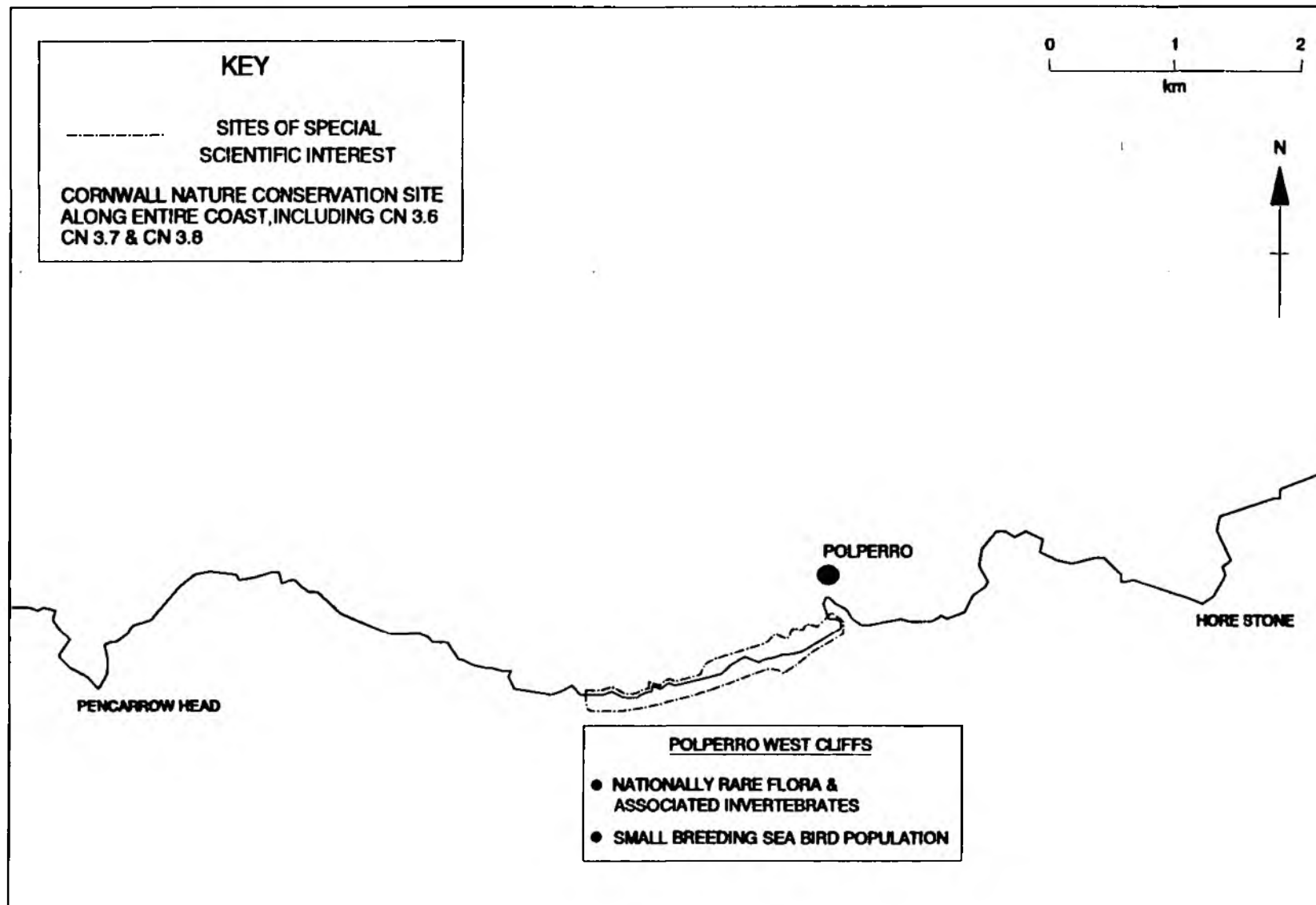
HORE STONE TO PENCARROW HEAD - SPECIAL ECOSYSTEM CONSERVATION (MAP 1)



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VERSION: 1 JULY 1992

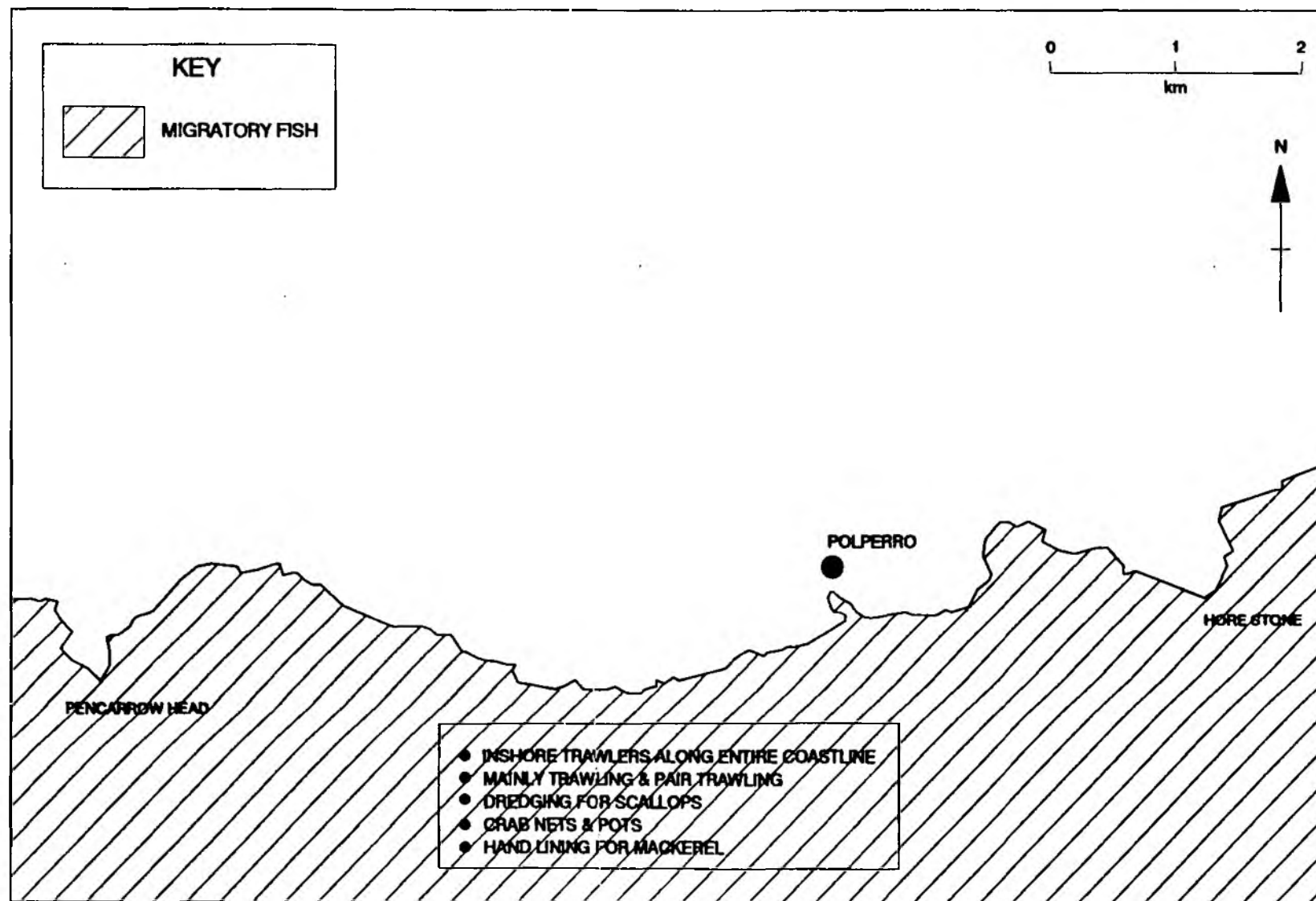
HORE STONE TO PENCARROW HEAD - SPECIAL ECOSYSTEM CONSERVATION (MAP 2)



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VERSION: 2 OCT 1992

HORE STONE TO PENCARROW HEAD - FISH



N.R.A. - SOUTH WEST REGION

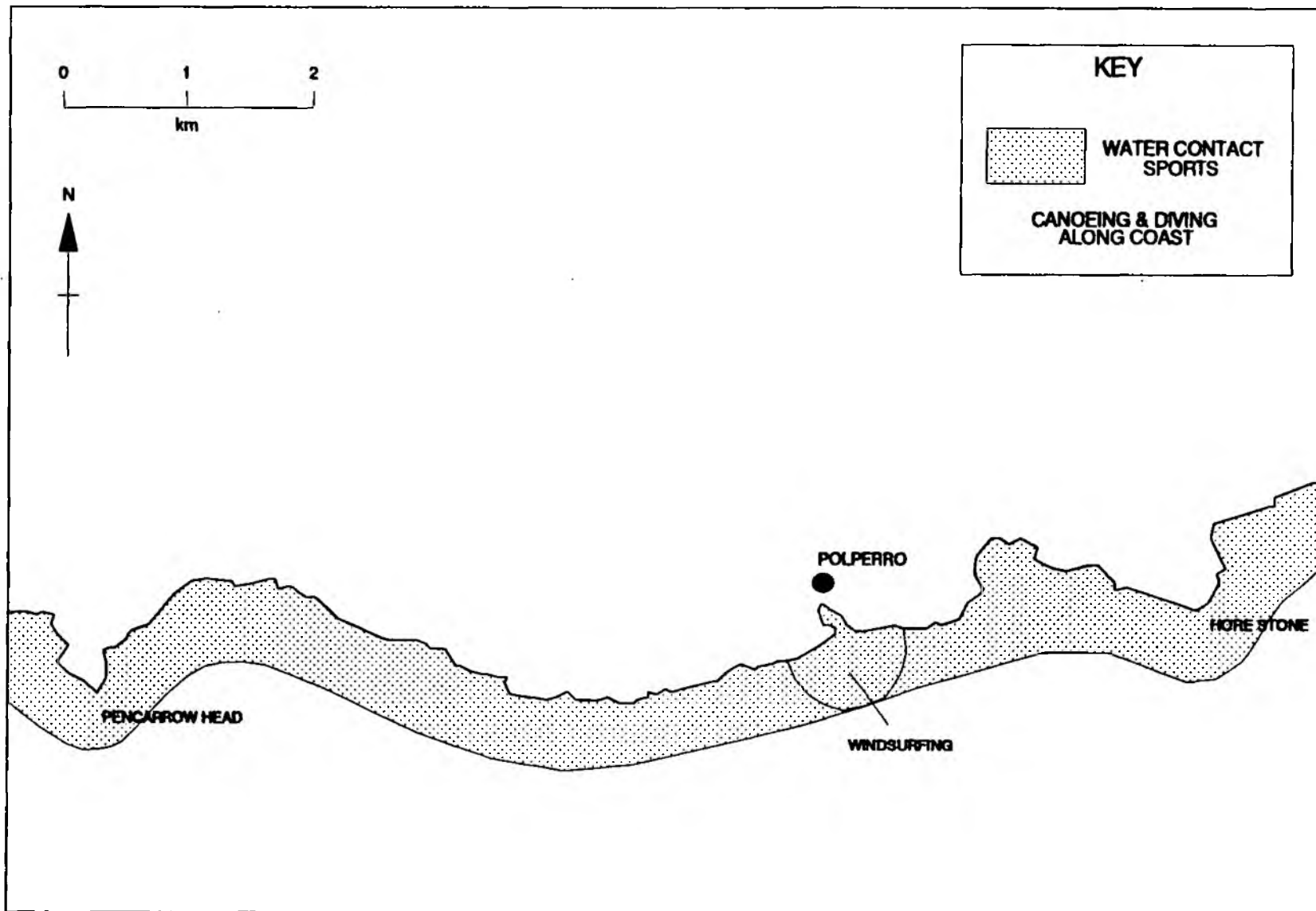
VERSION: 2 OCT 1992

TITLE: NATIONAL RIVERS AUTHORITY - SOUTH WEST REGION
 LAST UPDATE 16.12.92
 VERSION: 2

IDENTIFIED USES OF TIDAL WATERS

		OBJECTIVES						
MAP NO	MAP TITLE	BASIC AMENITIES	WATER CONTACT SPORTS	(1)	BATHING WATERS	(2)	INDUSTRY	EMERGENCY SERVICES
20	Hore Stone to Pencarrow Head	Coastal Footpath (No map)	Windsurfing Canoeing Diving	P I P	Talland Bay Polperro Beach Parson's Cove	M M		

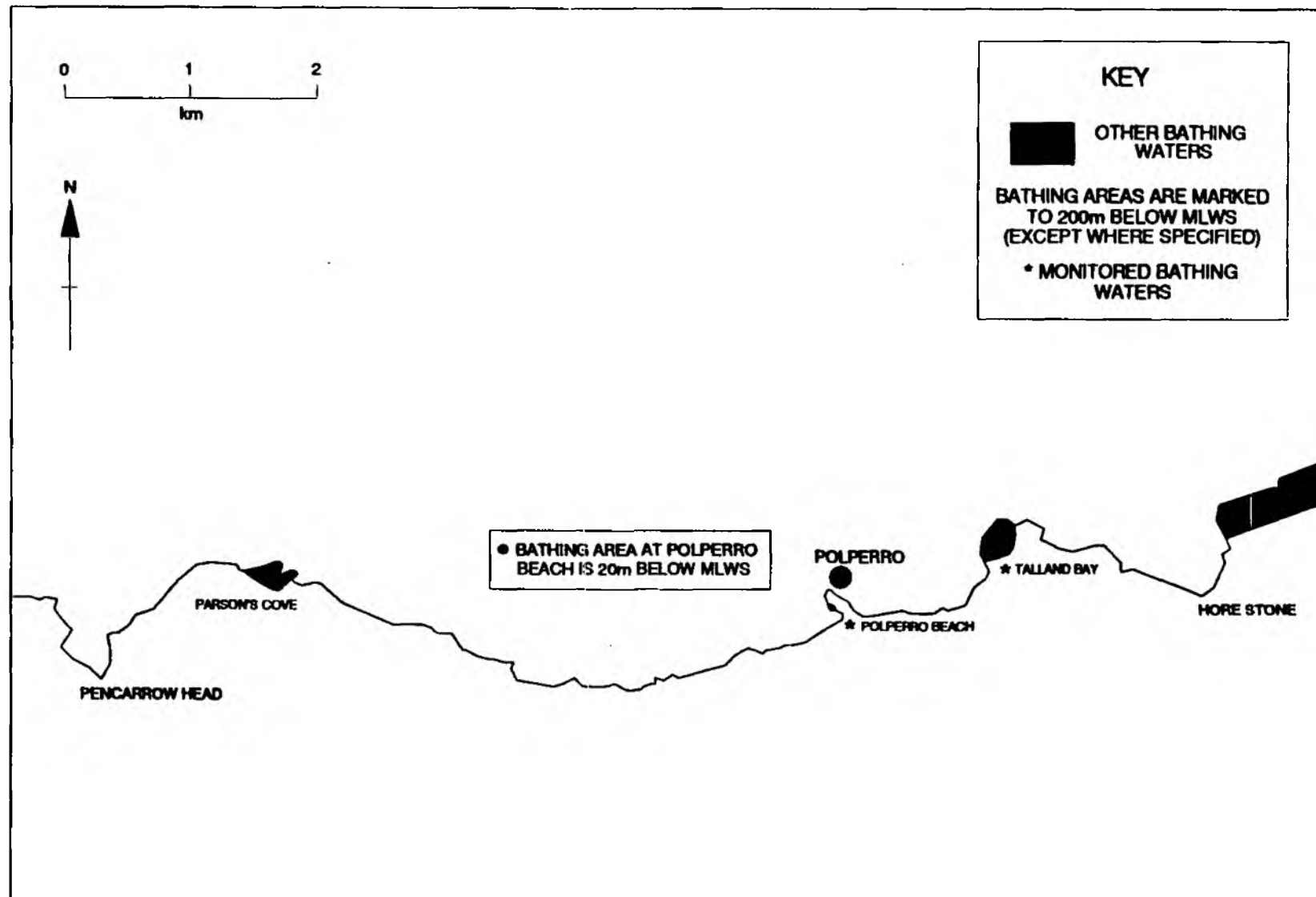
HORE STONE TO PENCARROW HEAD - WATER CONTACT SPORTS



N.R.A. - SOUTH WEST REGION

VERSION: 2 OCT 1992

HORE STONE TO PENCARROW HEAD - BATHING WATERS



N.R.A. - SOUTH WEST REGION

VERSION: 1 JULY 1992