Halcrow Maritime
Poole and Christchurch Bays
Shoreline Management Plan
Volume 4 - Maps and Supporting Information
Consultation Draft
March 1999
PREFACE

This is the Consultation Draft of the Poole and Christchurch Bays Shoreline Management Plan. It sets out the strategy for management of coastal defences between Durston Head in Dorset and Hurst Spit in Hampshire, including Poole and Christchurch Harbours (Subcell SF). The SMP has been prepared by Halcrow Maritime on behalf of the Poole and Christchurch Bays Coastal Group.

The SMP is divided into the following 4 volumes:

VOLUME 1 – STRATEGY DOCUMENT

PART A: INTRODUCTION
Sets out the background to, and role of, the SMP, along with its aims and objectives.

PART B: HOW TO USE THE PLAN
Describes the key elements of strategy presentation, in the Process and Management Unit sections.

PART C: PROCESS UNIT DESCRIPTIONS
Present a synopsis of the main characteristics of each Process Unit, summarised from Volumes 2 and 3.

PART D: MANAGEMENT UNIT STATEMENTS
Divided into two sections, Part D1 presents the 'Management Unit Characteristics' and Part D2 the 'Appraisal of Strategic Options' which identifies the preferred option along with implementation and monitoring guidance.

PART E: FUTURE DEVELOPMENT
Describes where/how current understanding needs to be improved and gives a suggested time frame for both the review of the strategies and, further into the future, for a more comprehensive reappraisal of the Plan as a whole.

VOLUME 2 – PHYSICAL ENVIRONMENT

PART A: GEOLOGY AND GEOMORPHOLOGY
Presents the physical characteristics of the shoreline along with its the formative geomorphological history, and describes the subdivision of the coast into Process Units.

PART B: COASTAL CONDITIONS
Describes the wind, wave, tide and current regimes driving contemporary coastal processes.

PART C: SHORELINE EVOLUTION
Identifies and reviews historical evolution of the shoreline, both 'natural' and due to Mans intervention.

PART D: CONCEPTUAL SEDIMENT PROCESS MODELS
Provides qualitative and quantitative information about sediment processes within Poole and Christchurch Bays, in addition to setting longer term assessments of how the coast is likely to be impacted upon.

ANNEX A: ISSUES ANALYSIS AND STATEMENT OF OBJECTIVES
Presents shoreline management issues and associated objectives, relevant to the Physical Environment of the coast, identified during public consultation on the SMP.

VOLUME 3 – DEVELOPED AND NATURAL ENVIRONMENT

PART A: COASTAL DEFENCES
Examines the current state of knowledge of coastal defences, and where possible reviews the nature and standard of defence provided, and their suitability to provide the standards required in the future.

PART B: DEVELOPED ENVIRONMENT
Human use of the shoreline is assessed through descriptions of land use, coastal activities, offshore use and archaeological interest, and requirements for coastal defence planning.

PART C: NATURAL ENVIRONMENT
Reviews landscape, habitat and earth science conservation value of the shoreline, and the key issues relating to coastal defence provision.

PART D: PLANNING
Detail present planning procedures and sets out existing policies and objectives, of both statutory and non-statutory plans, of relevance to coastal defence.

PART E: LIST OF RELEVANT DOCUMENTS
A bibliographical listing of those documents/sources used during the production of the SMP.

ANNEX A: ISSUES ANALYSIS AND STATEMENT OF OBJECTIVES
Presents shoreline management issues and associated objectives, relevant to the Developed and Natural Environment of the coast, identified during public consultation on the SMP.

VOLUME 4 – MAPS AND SUPPORTING INFORMATION

Maps presented in Parts A to D are at 1:25,000 scale.

PART A: DEVELOPED ENVIRONMENT MAPS
These base maps illustrate the land use of the area, categorised into ten classifications.

PART B: CONSERVATION MAPS
Includes details of all international, national and local conservation designations, whether statutory or non-statutory. Archaeological and historical features of a terrestrial and maritime nature are also depicted.

PART C: COASTAL DEFENCES
The extent and nature of all forms of coastal defence have been mapped.

PART D: PHOTOGRAPHS
A series of photographs representative of each Process Unit.

A consistent page numbering style has been used throughout Volumes 1 to 3, as follows:
Volume – Part Page.
For example, 1-A4 is Volume 1 Part A Page 4.
Developed Environment Maps