

Fig 3. GLC Project Manager Ray Horner, *Father of the Barrier*
Fig 4. The Barrier 1982

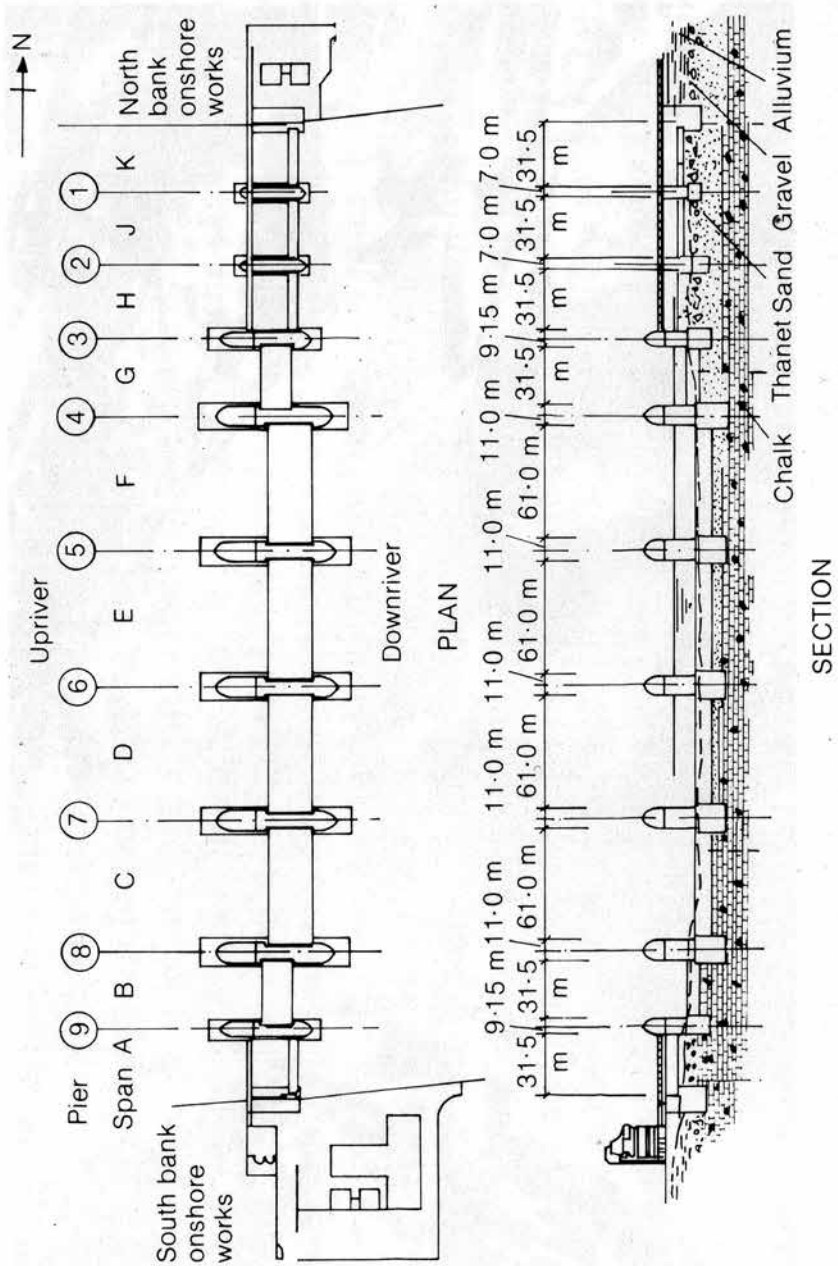


Fig 5. Plan and section of the barrier



Figs 6-10. *Clockwise from top left:*

Peter Cox, Senior Partner

Alan Mitchell, Chief Engineer for the Civils Design

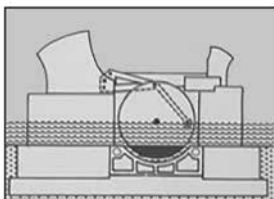
George Davis, Engineer's Representative on site

John Hounslow, Senior engineer and first Barrier Manager

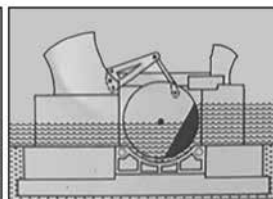
Charlie Draper, Mechanical Engineer and Inventor

Below:

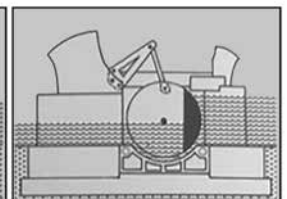
Fig 11. Rising Sector Gate positions



GATE IN NORMAL
LOWERED POSITION.



GATE RISING.



GATE IN FLOOD
DEFENCE POSITION.



Figs 12-19. *Clockwise from top left:*

John Reeve, Project Director

John Grice, Project Manager 1977-1980

Adrian Franklin, Project Manager 1980-82

Eric Napier, Deputy Project Manager

Warren Hibbs, Marine Works Manager 1977-1982

Paul Sivey, Construction Manager, North side

Rick Randall, Construction Manager, Sill Sinking

Stan Kabfell, Senior Supervisor and Gary Bamber, Site Senior Supervisor



Figs 20-22.
Top left to right:
Fig 20.
Don Langdown,
Chief Engineer
Fig 21.
Aavid Degonaars,
HBM Engineering
Manager
Fig 22.
Peter Blaseby,
Senior Planner

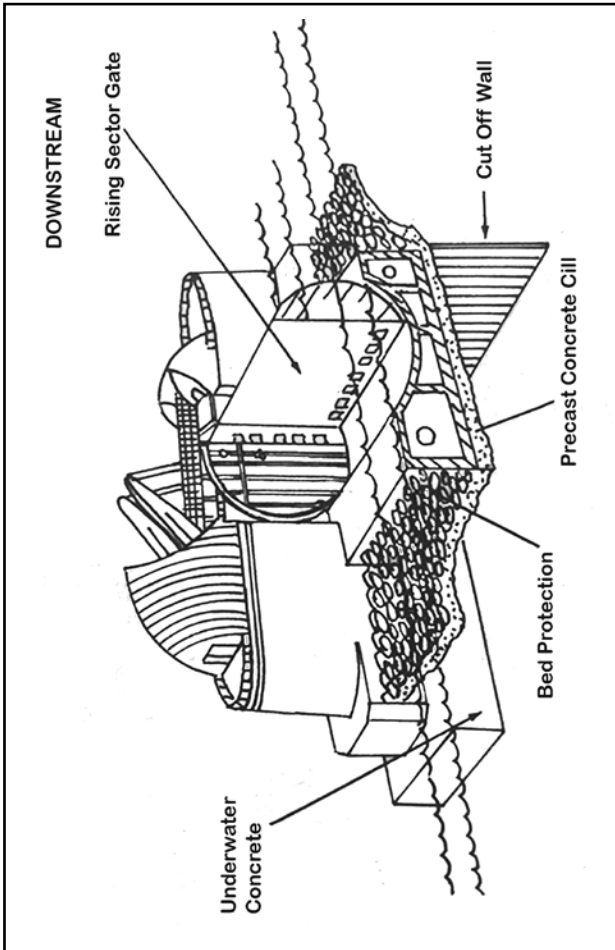


Fig 23. Isometric section of Pier and Sill

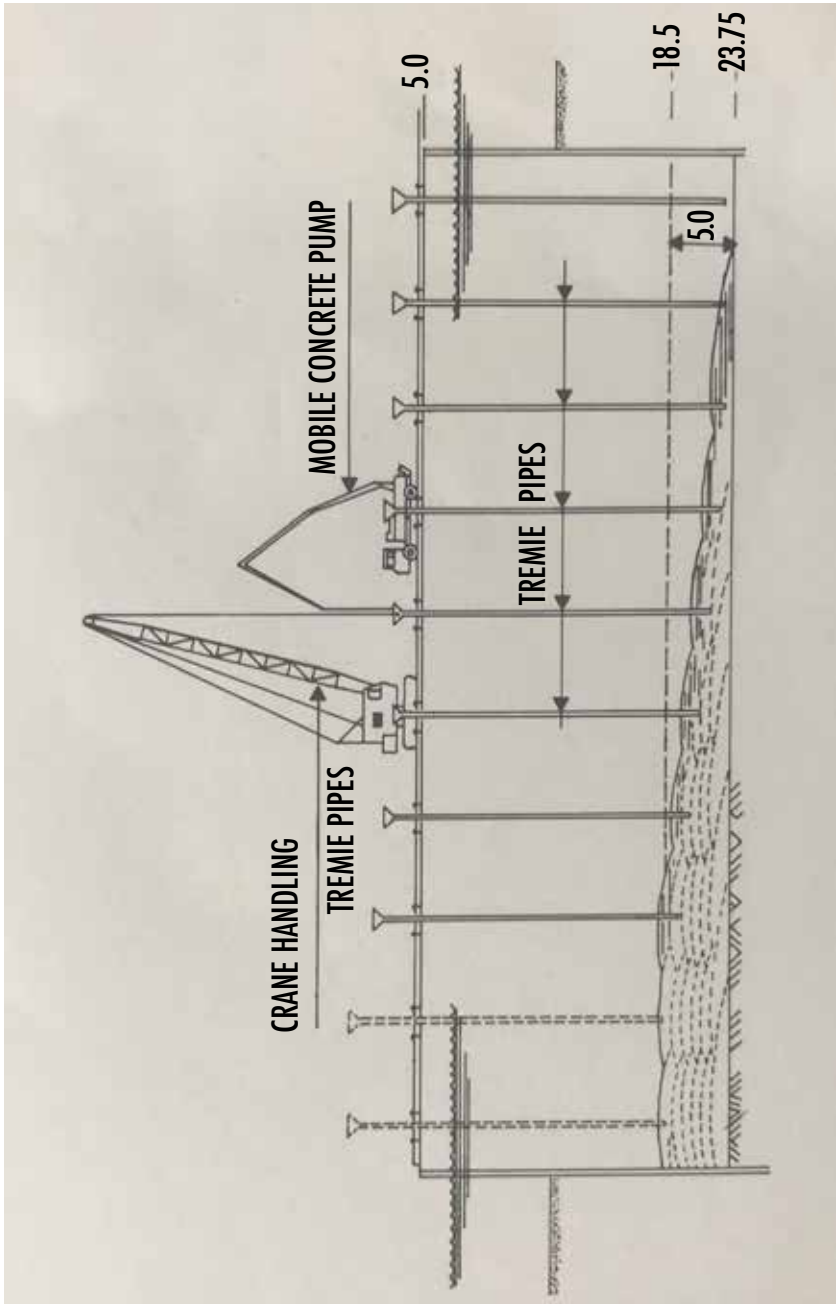


Fig 24. Section showing the placing of underwater concrete



Fig 25. 1976 Piling for Pier 9 and South Abutment



Fig 26. 1976 Completing Cofferdams and Excavation of Piers 6-9



Fig 27. 1976 Preparing for underwater concrete



Fig 28. Clearing laitance on surface of underwater concrete

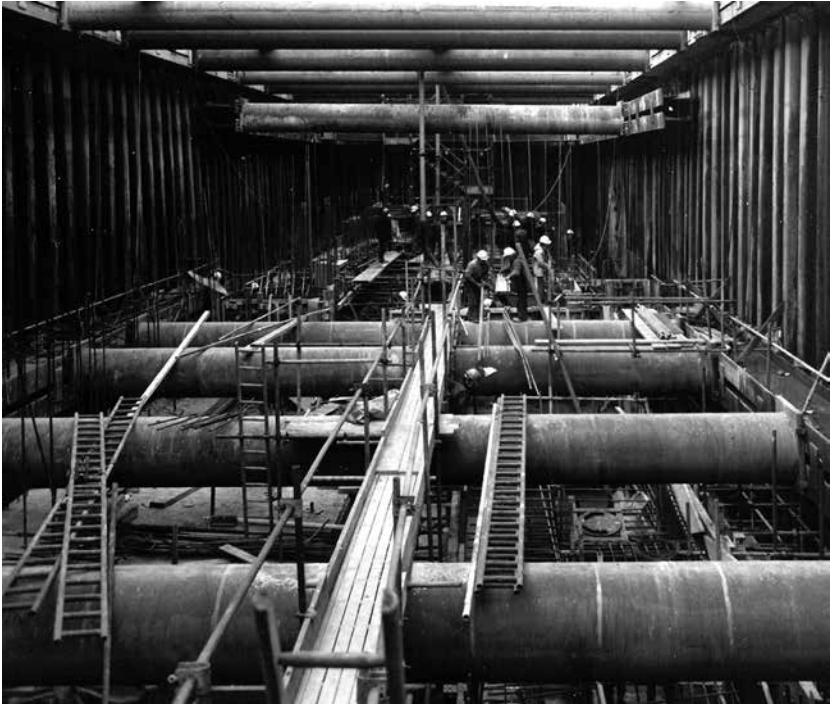


Fig 29. 1976 Pier 9 construction at lower level



Fig 30. Lifting the Trunnion into Pier 4



Fig 31.
1977
Trunnion
in
position
in
Pier 8



Fig 32.
Alistair
Handford
Manager
Pier 3

Fig 33. Adrian Franklin, Girish Baxi, Ray Genoni and others of the Dry Section Team

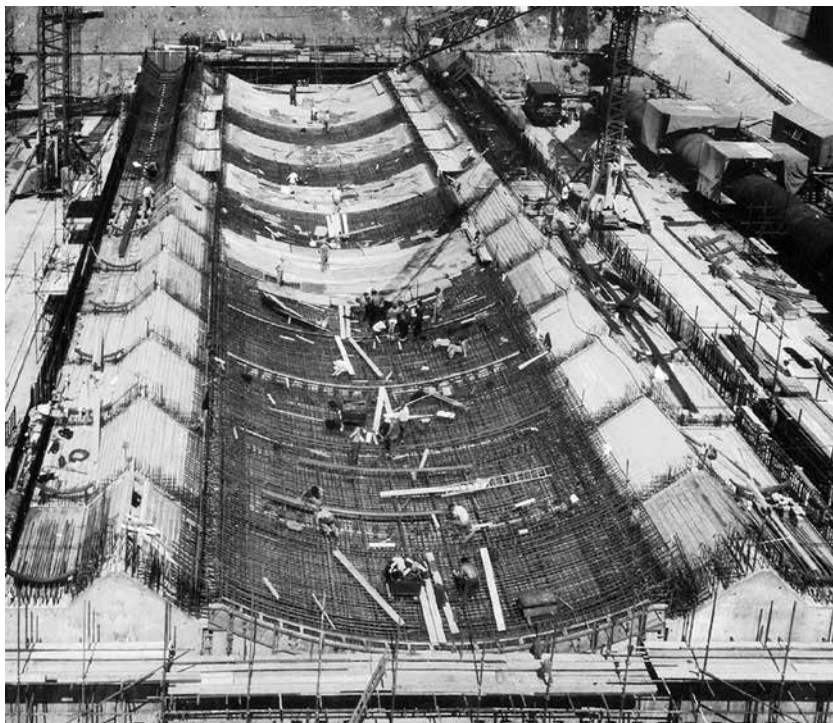


Fig 34. 1977 Phase 1 Sill construction on the north bank



Fig 35. 1977 Aerial view of north dry dock



Figs. 36-38. 1977 Silver Jubilee Pageant,



Fig. 39. 1977 Thames Barge Race



Fig. 40. Watermen supervisor, Frankie Barrett



Fig 41. 1977 Flooding north dry dock for sill tow out



Fig 42. Sill Tow out from George V dock



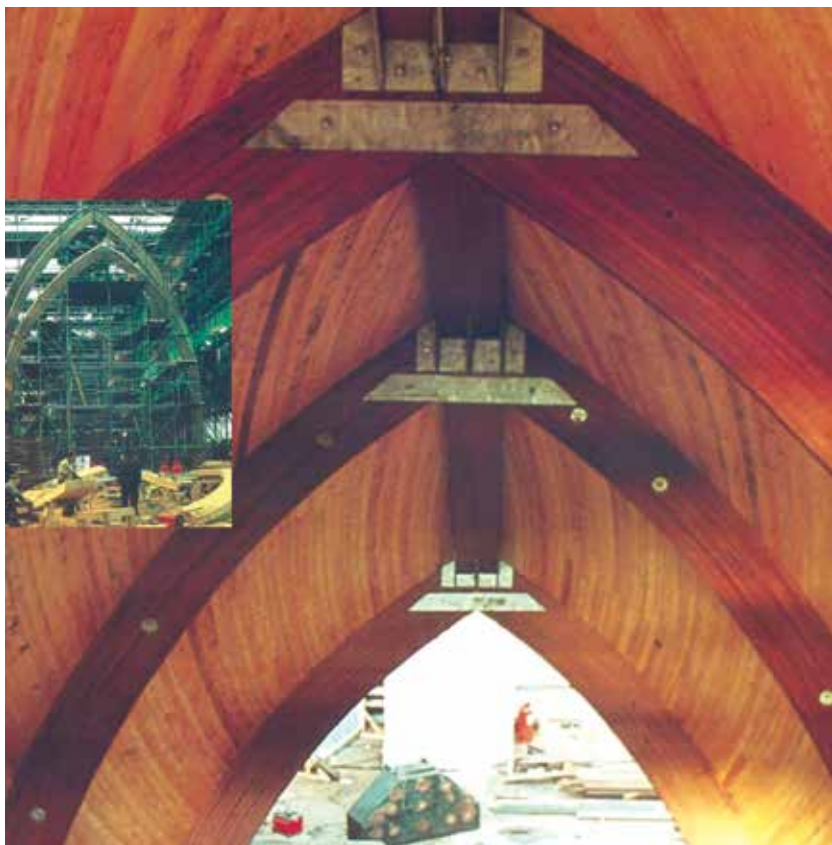
Fig 43. Sill positioning at the pier



Fig 44. Sill lowering, control cabin



Fig 45. Water filling of sill scallop before lowering



Above:
Fig 46.
Shell roof
construction
at Tysons
1977



Fig 47.
Erecting the
shell roof on
Pier 9 1980



Fig 48. Start of Phase 2 of Sill Construction



Warren Hibbs



Don Langdown



Rick Randall



Peter Blaseby



Chris Gane



Fig 54. Bill Macey,
Project Director



Fig 55. Dick Thorp,
Project Manager



Fig 56. Placing the Gate Arm

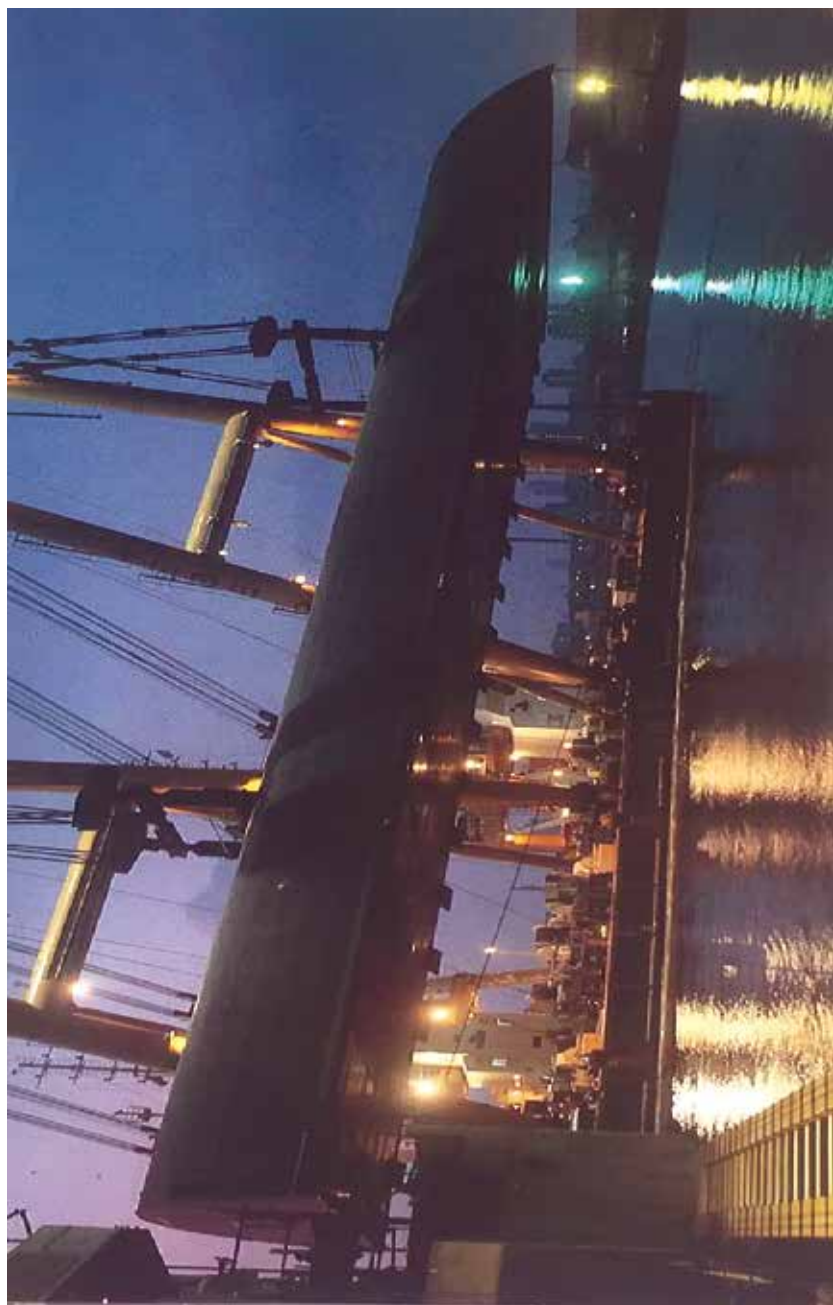


Fig 57. Positioning the first Gate Leaf



Fig 58. Lowering the first Gate Leaf

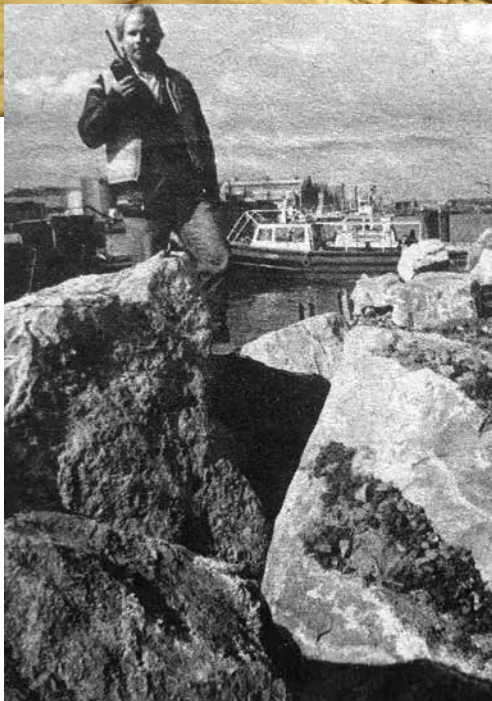


Fig 59. Placing Bed Protection between Pier 1 and Pier 2

Fig 60. Marine Engineer Ken Limburn supervising rock protection



Fig 61. Tarmac engineers and supervisors



Fig 62. Engineer Bob Alan assisting diver



Fig 63.
1982 Final
Testing



Fig 64. Sill
cable subway



Fig 65. Control Room testing



Fig 66. Royal Opening Ceremony May 8 1984



Fig 67. RPT Introductions to HM Queen Elizabeth



Fig 68. CTH Introductions to HM Queen Elizabeth



Fig 69. 1992 Anniversary Visit

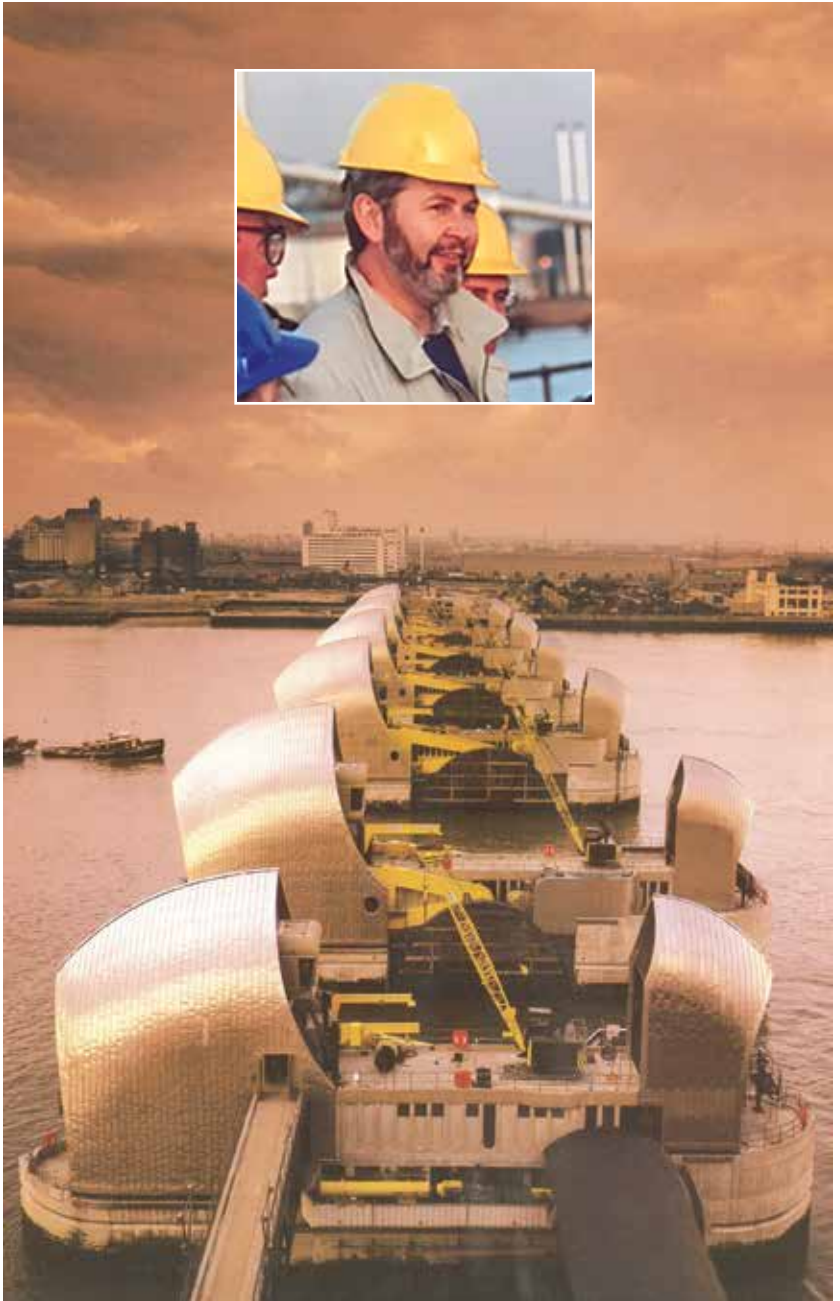


Fig 70.1992 Author Rory O'Grady visit Fig 71. 1984 Barrier completed



Fig 72. HMS Belfast passing through barrier

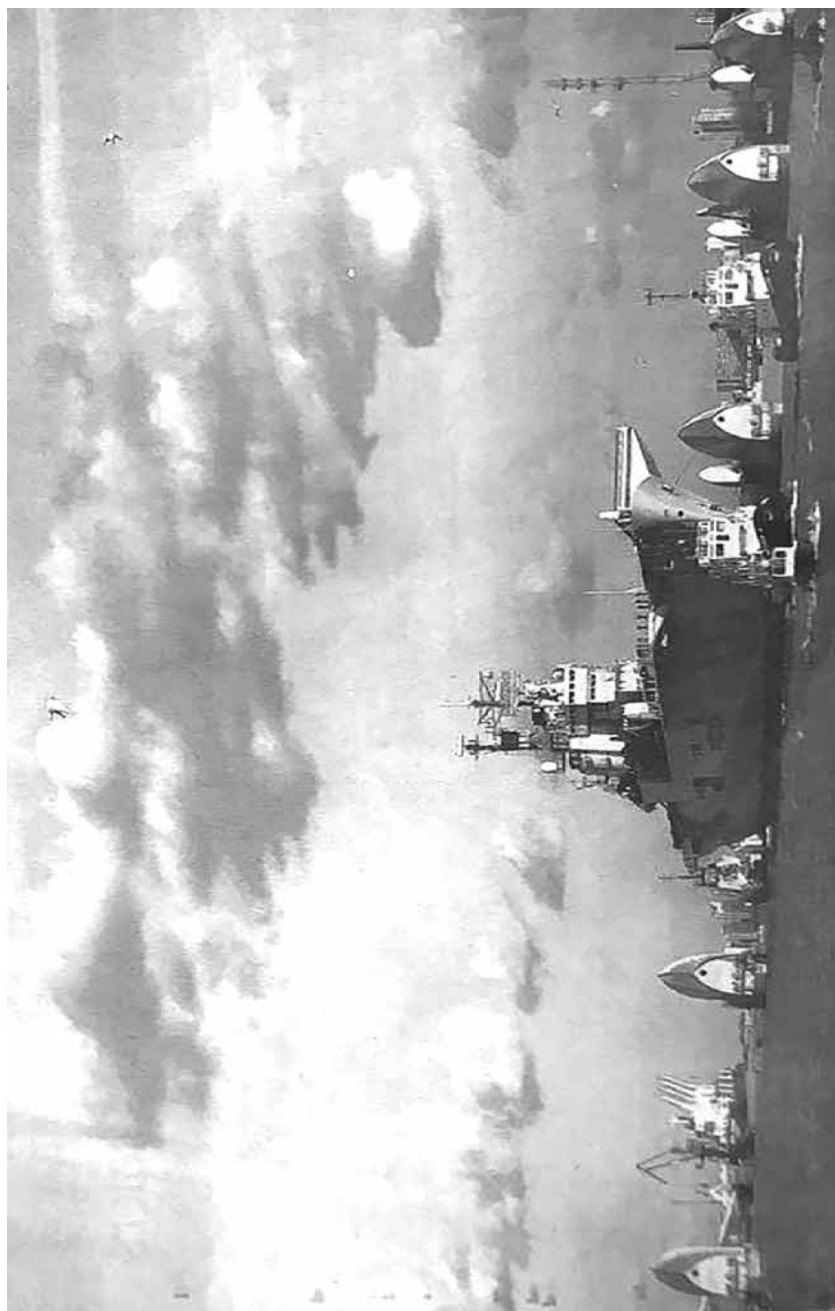


Fig 73. HMS Ark Royal Passing through barrier



Fig 74. Thames Barrier gates all raised