

Green Island Reclamation (Part) - Public Dump

Environmental & Traffic Impact
Assessment



Final Report (EIA) Annex I (Hydrodynamic Model Results)

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HYDRODYNAMIC MODEL RESULTS

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APPENDIX 1

100m GRID MODEL RESULTS

Green Island Reclamation 100m Grid Model 1:40000

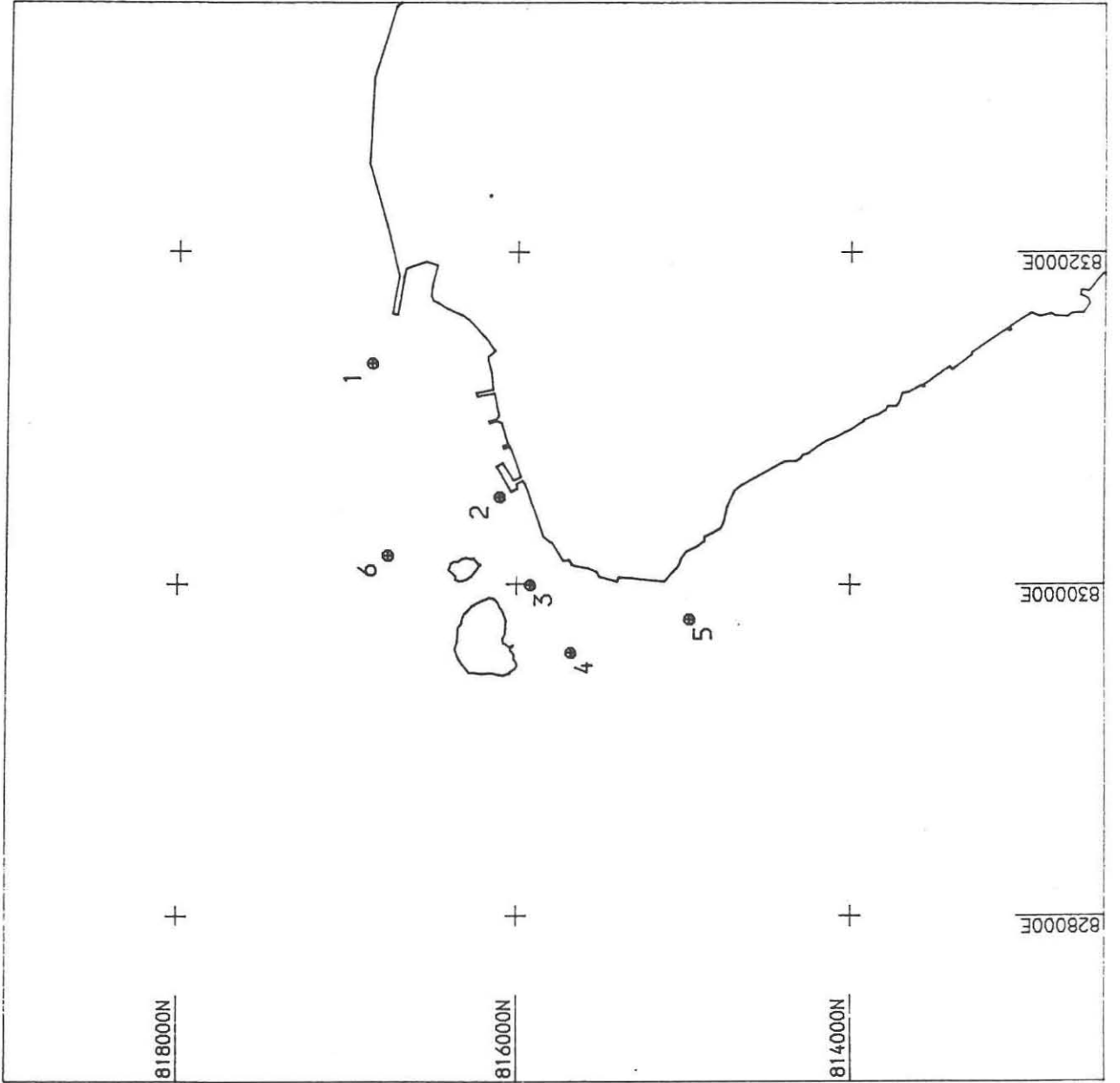


Fig 1

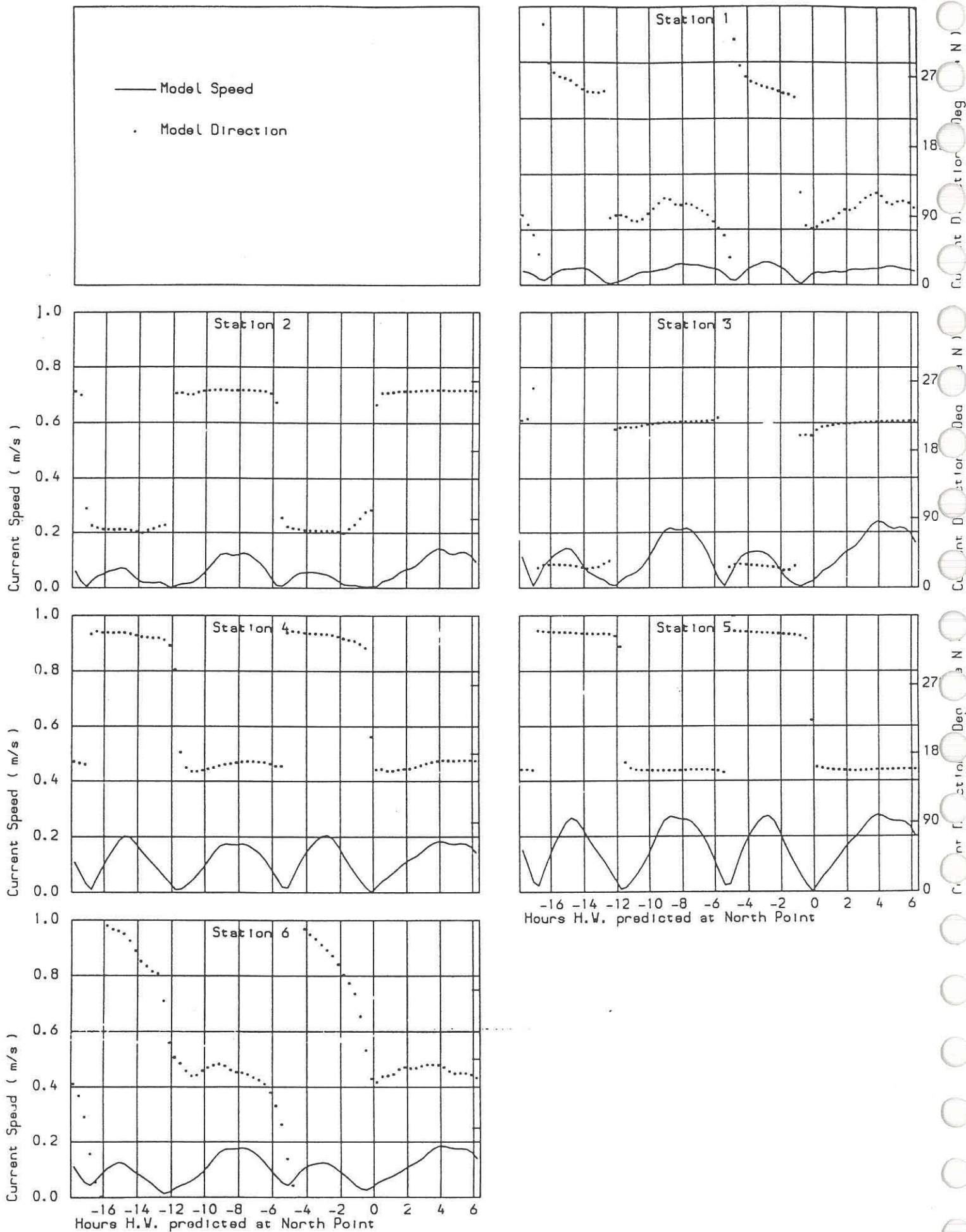


Fig 2a Green Island Reclamation - Case 1
 Dry season Neap tide - Upper layer

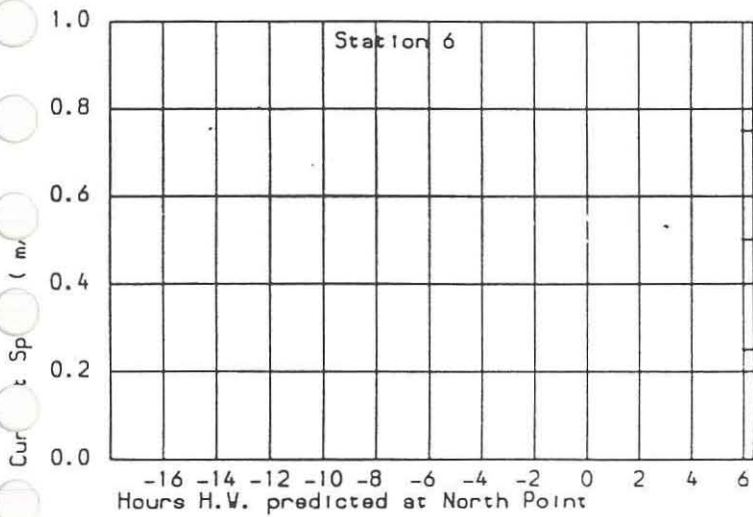
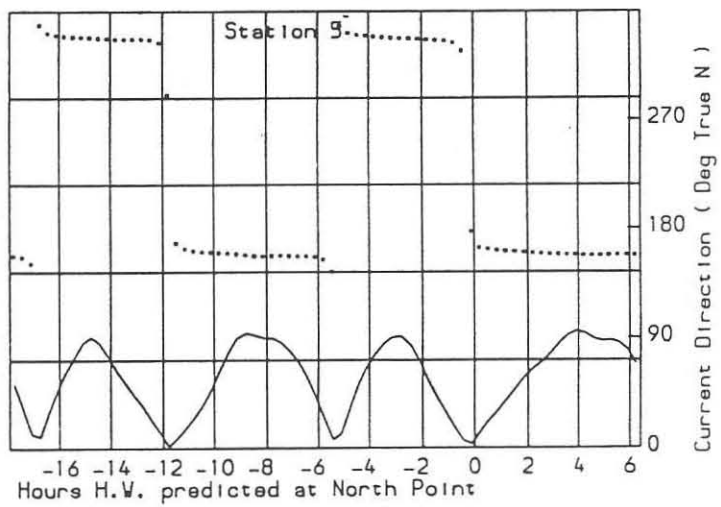
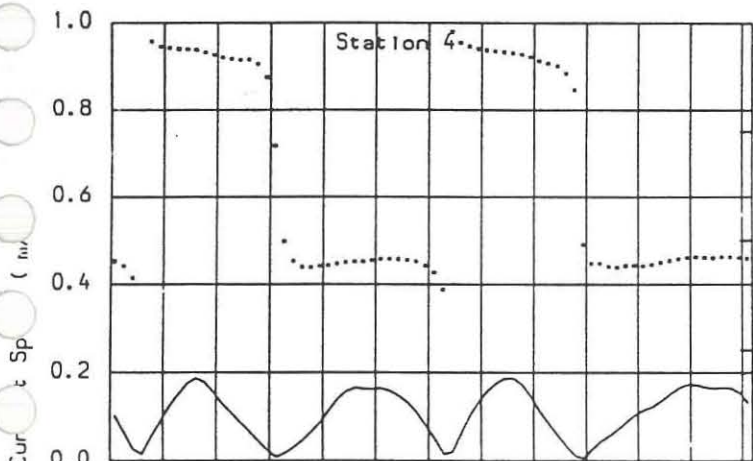
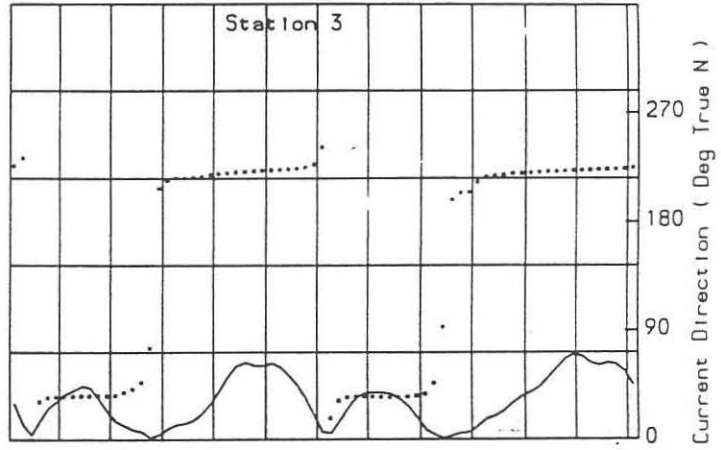
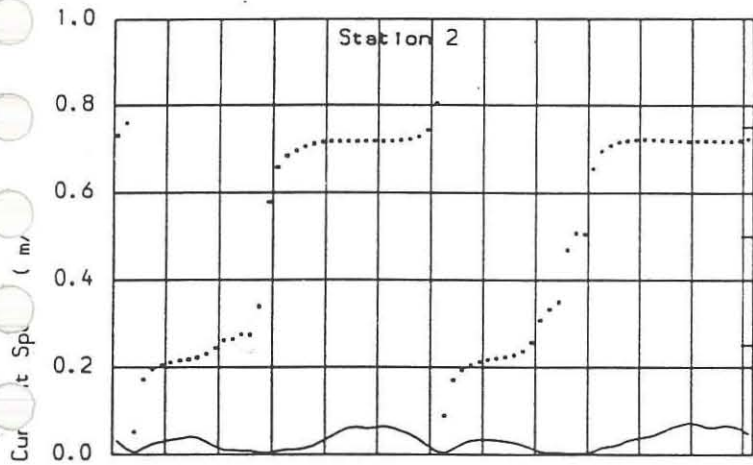
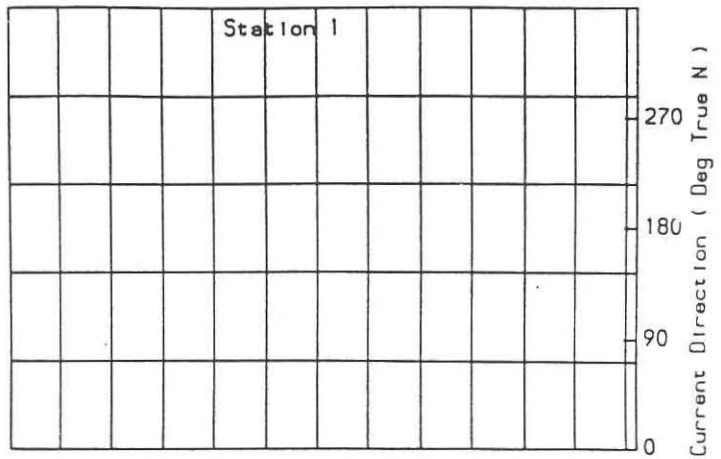
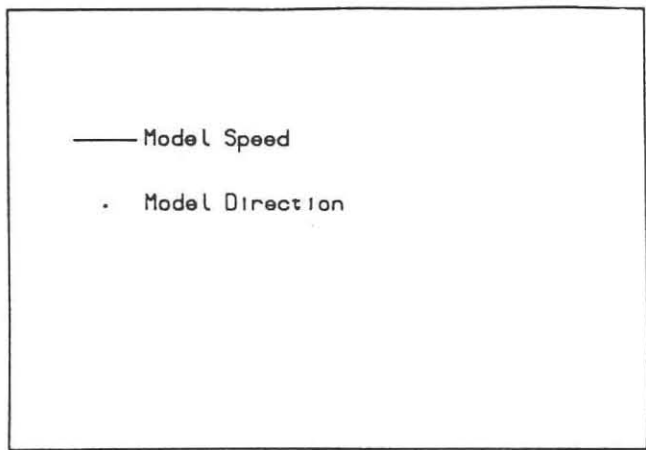


Fig 2b Green Island Reclamation - Case 1
 Dry season Neap tide - Lower layer

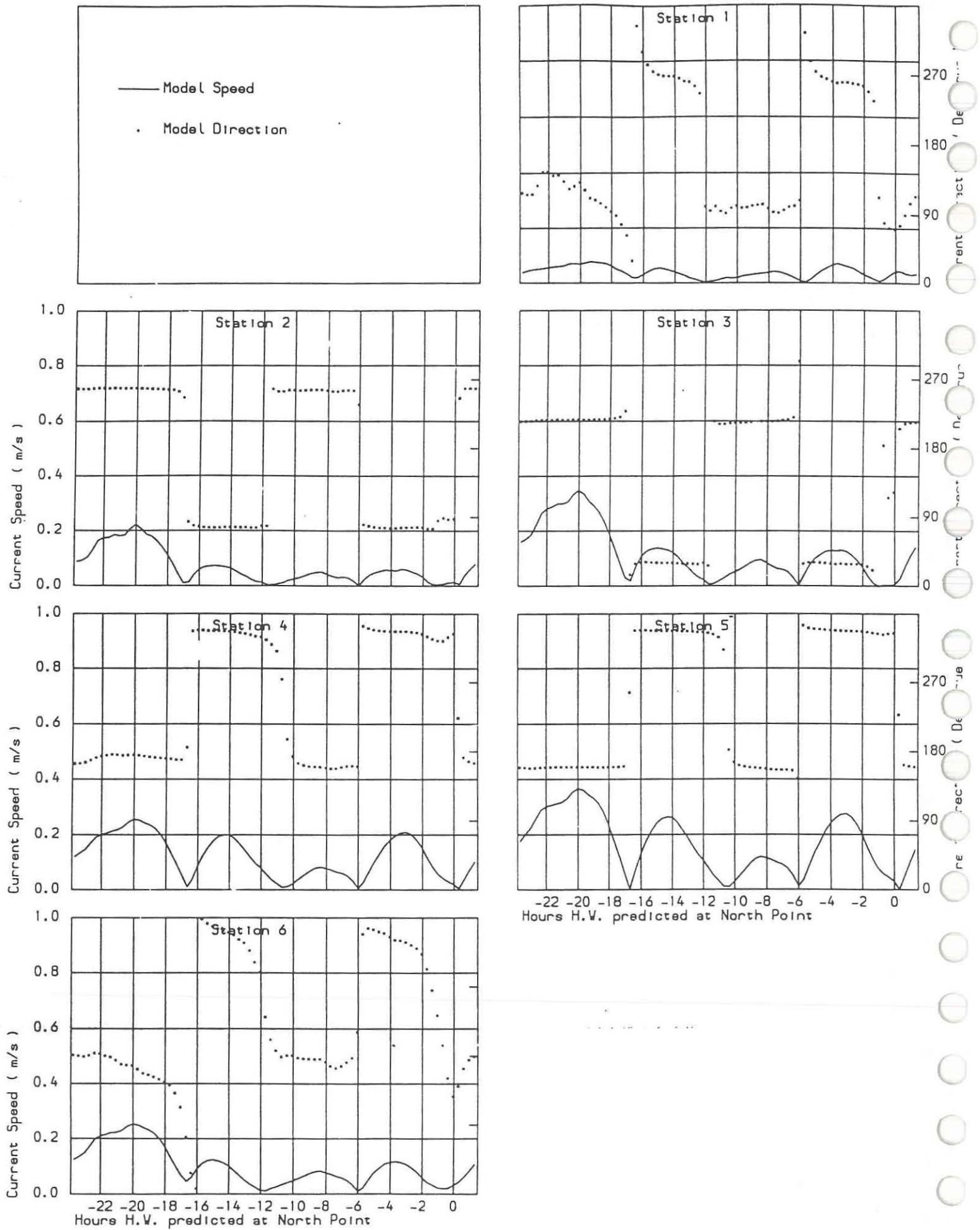


Fig 2c Green Island Reclamation - Case 1
 Dry season Spring tide - Upper layer

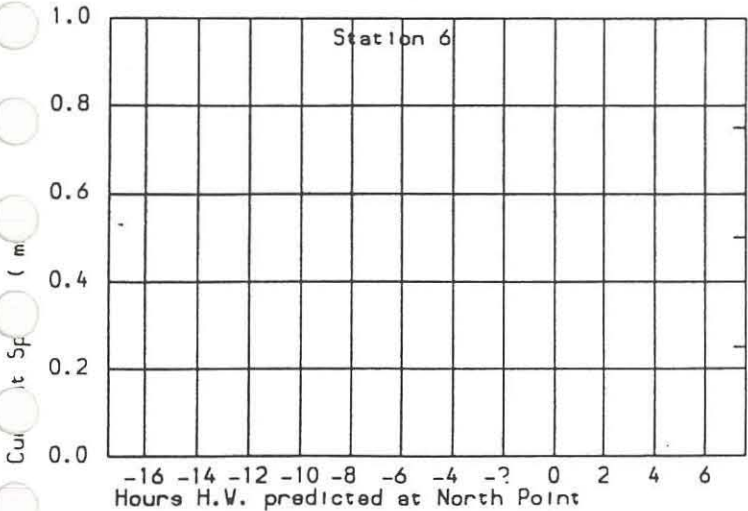
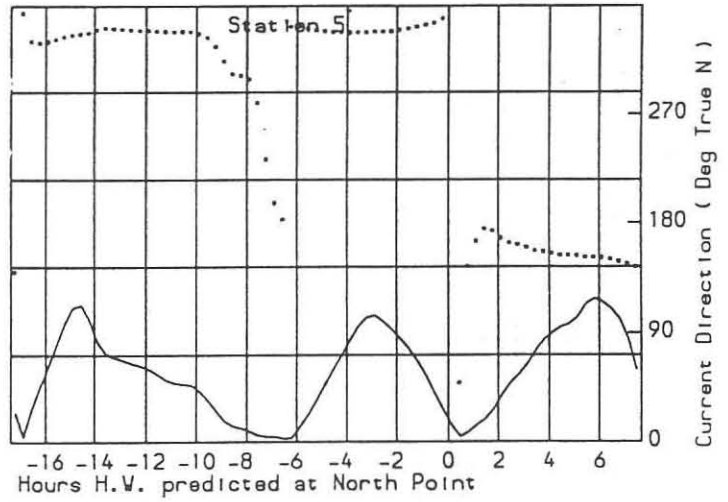
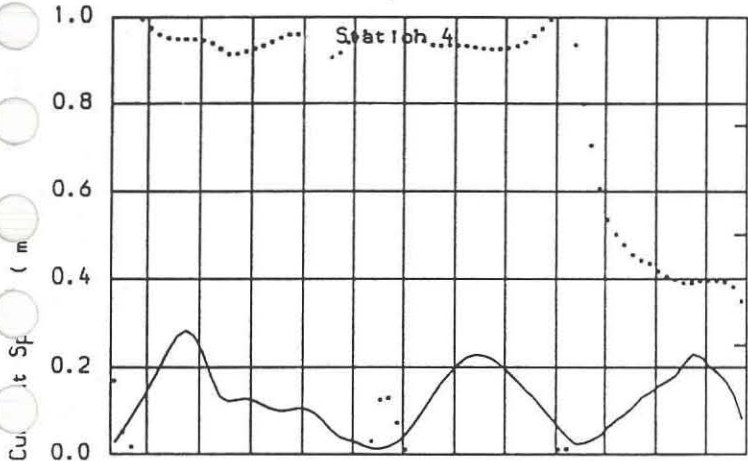
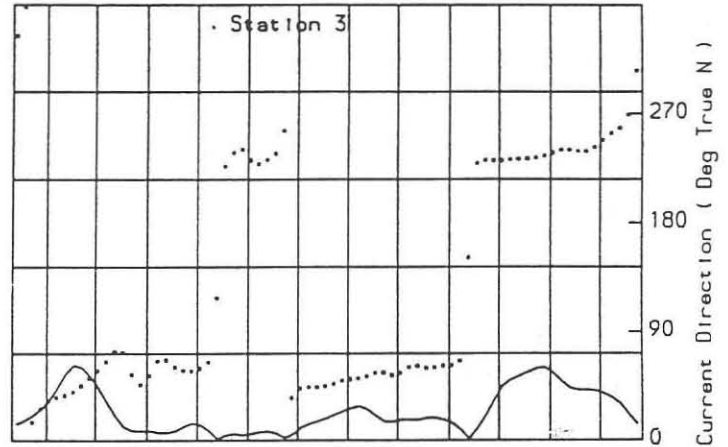
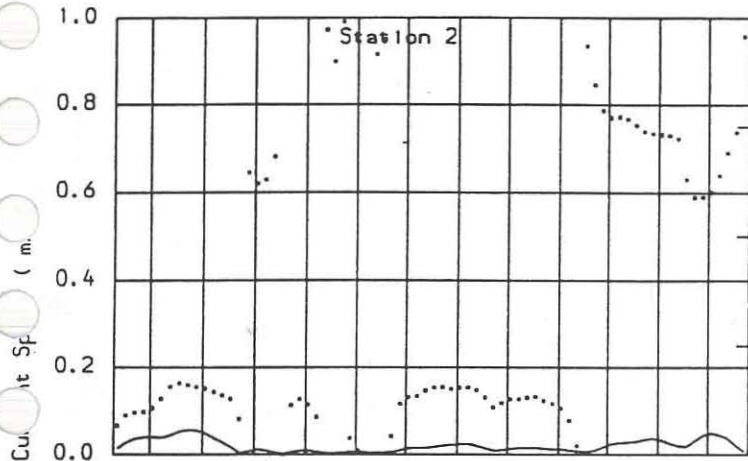
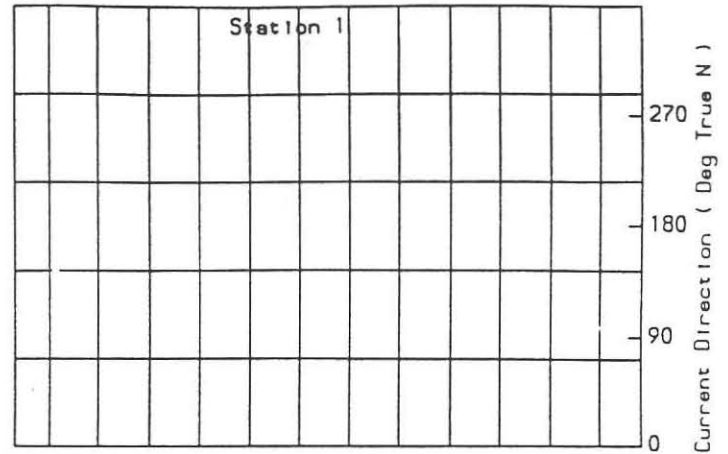
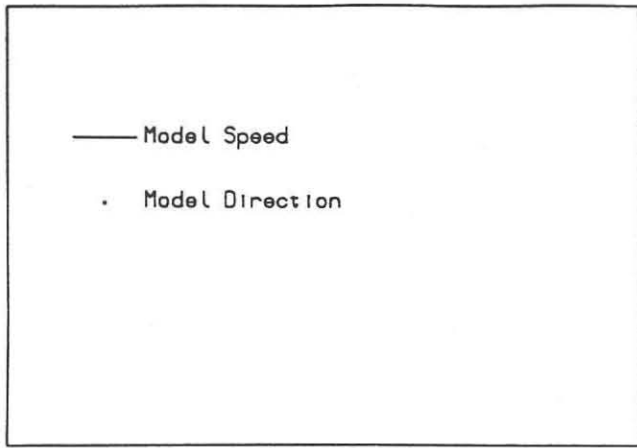


Fig 2d. Green Island Reclamation - Case 1
 Wet season Spring tide - Lower layer

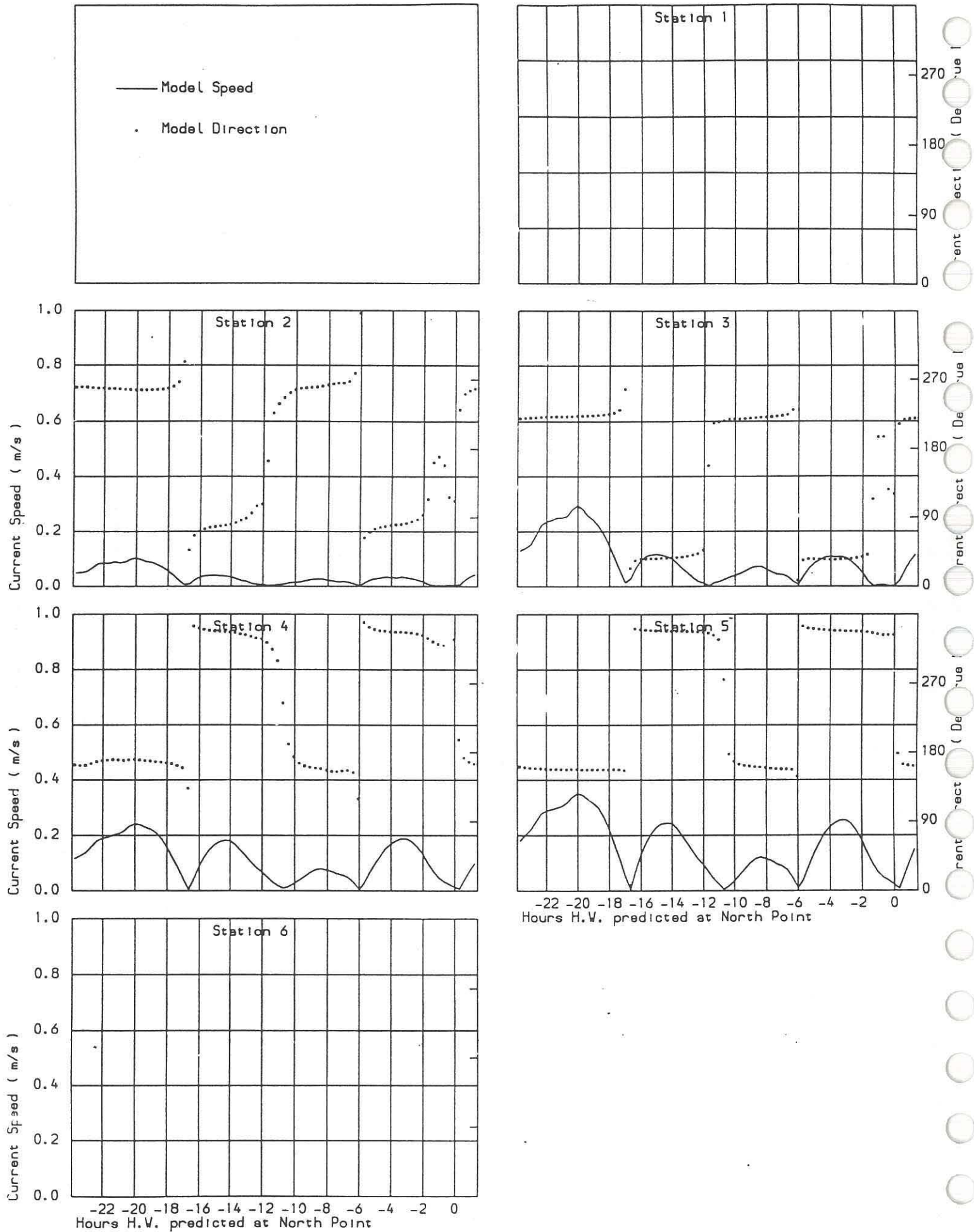


Fig 2e Green Island Reclamation - Case 1
 Dry season Spring tide - Lower layer

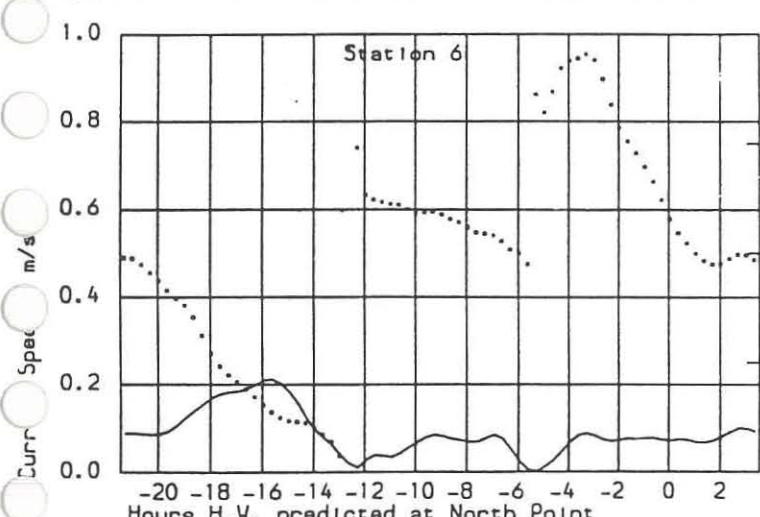
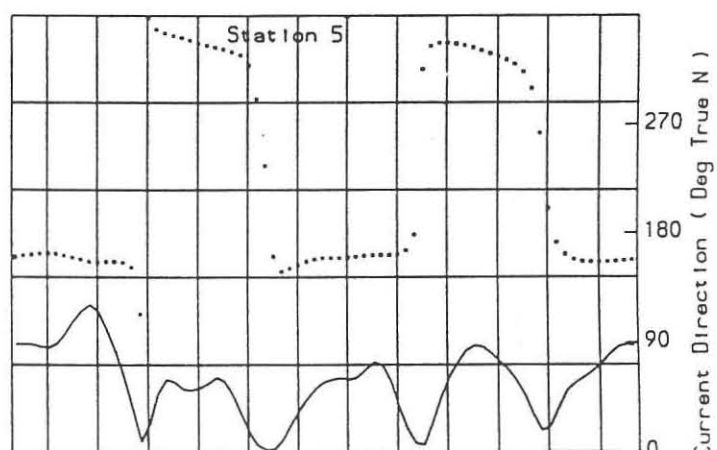
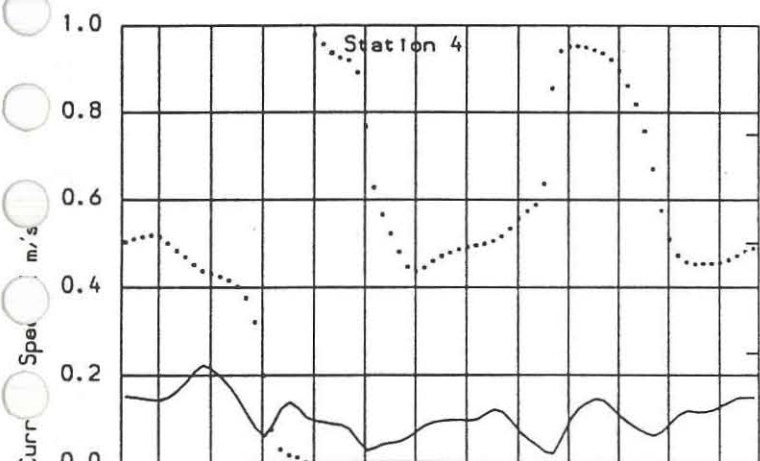
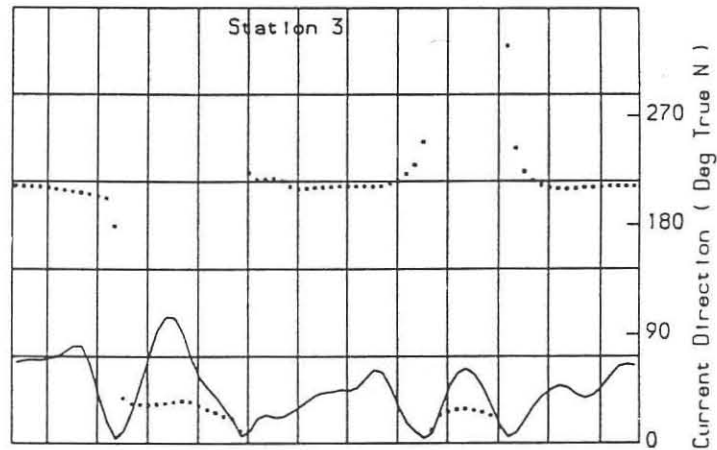
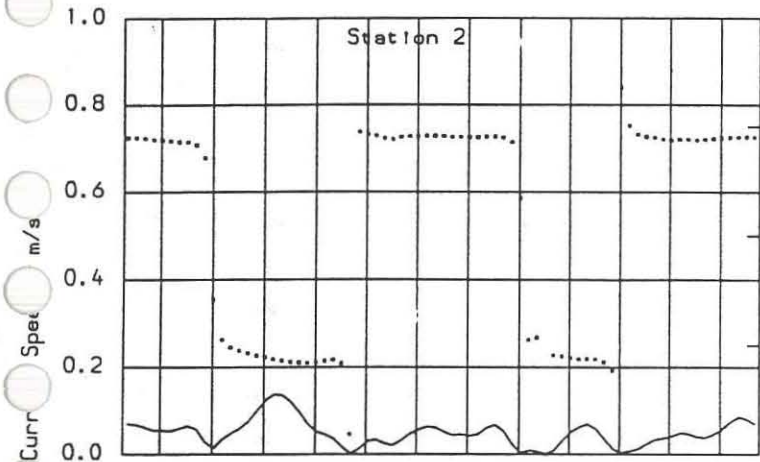
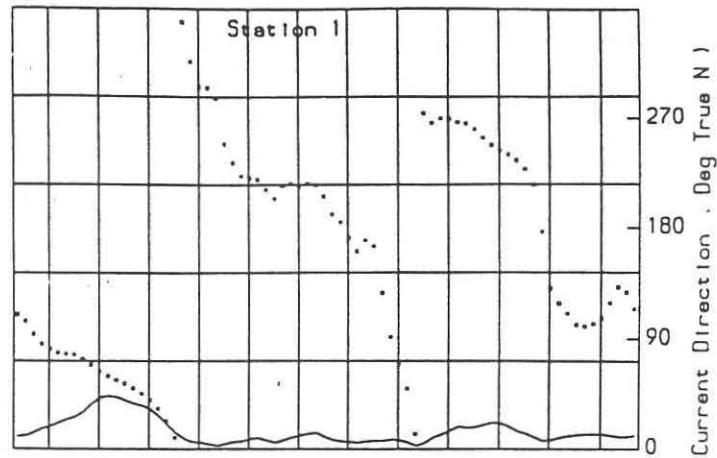
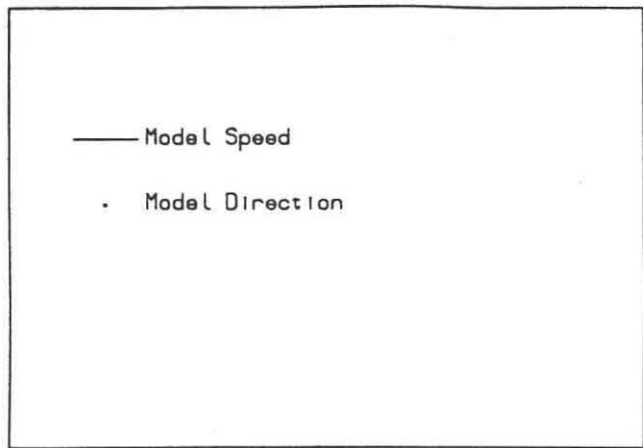


Fig 2f Green Island Reclamation - Case 1
 Wet season Mean tide - Inner layer

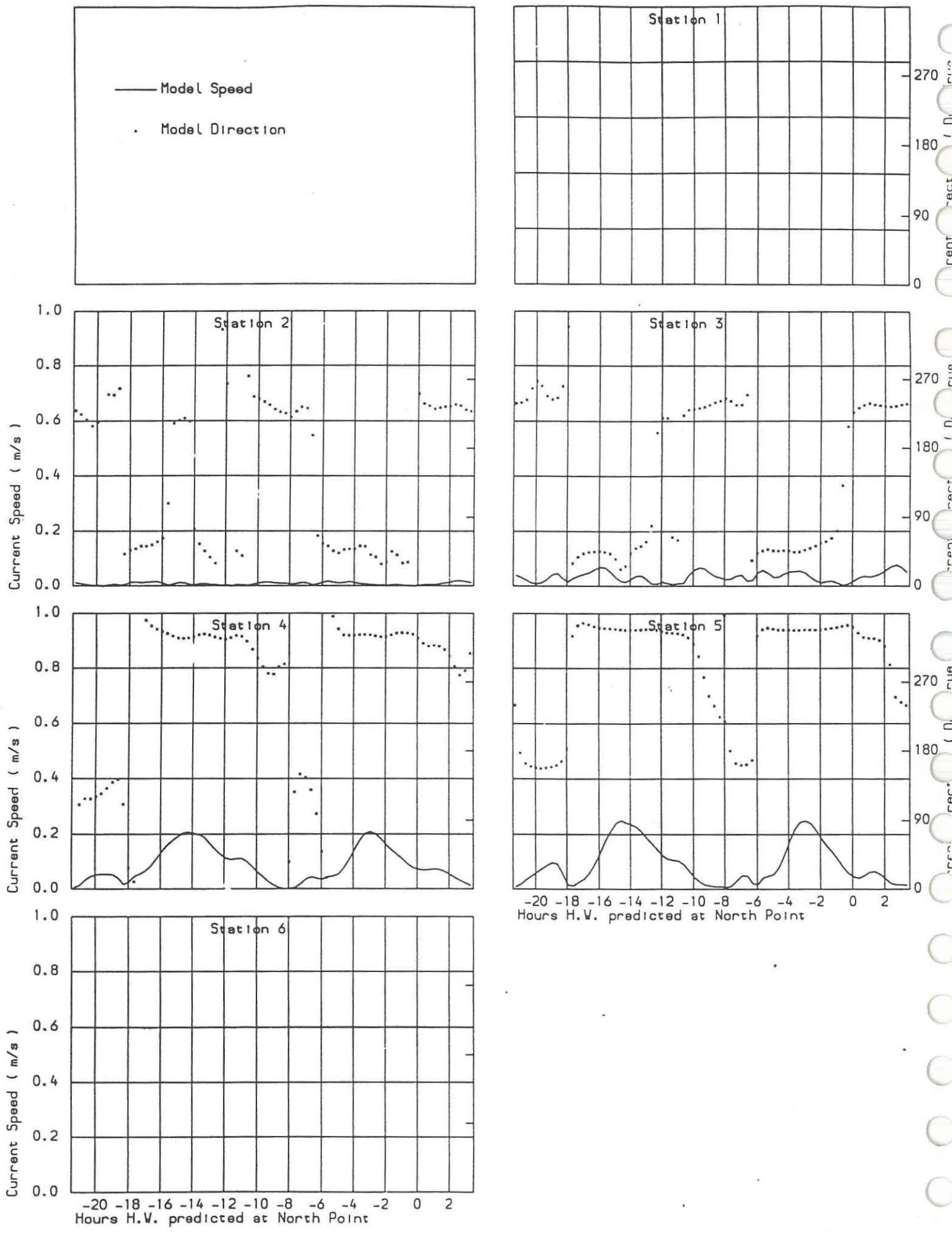


Fig 2g Green Island Reclamation - Case 1
 Wet season Neap tide - Lower layer

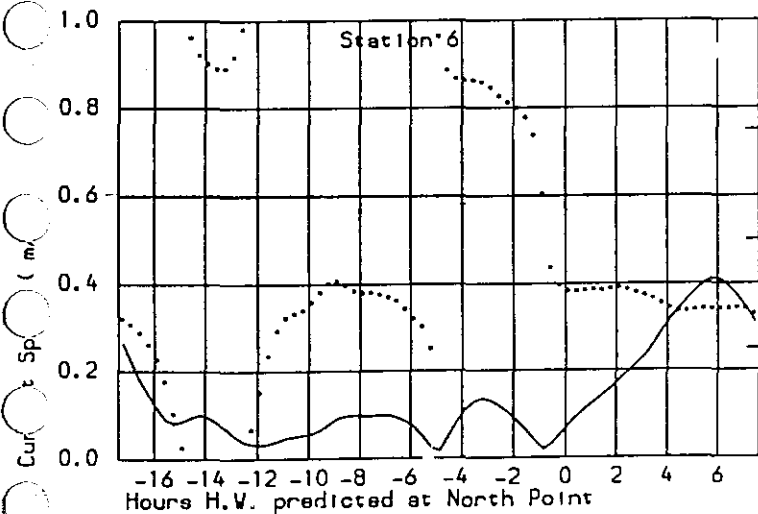
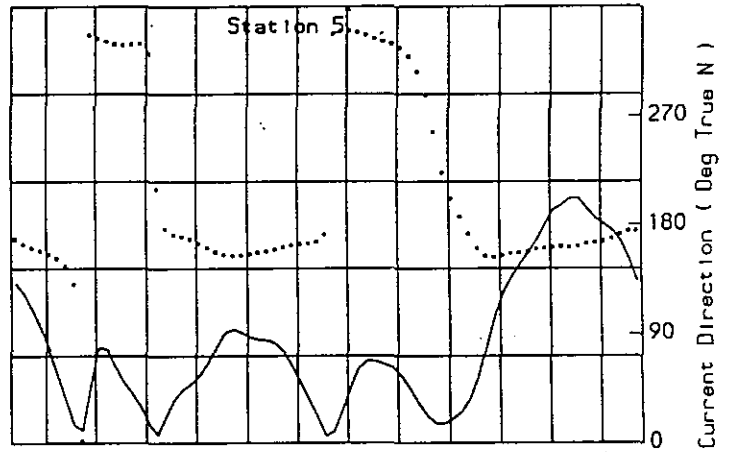
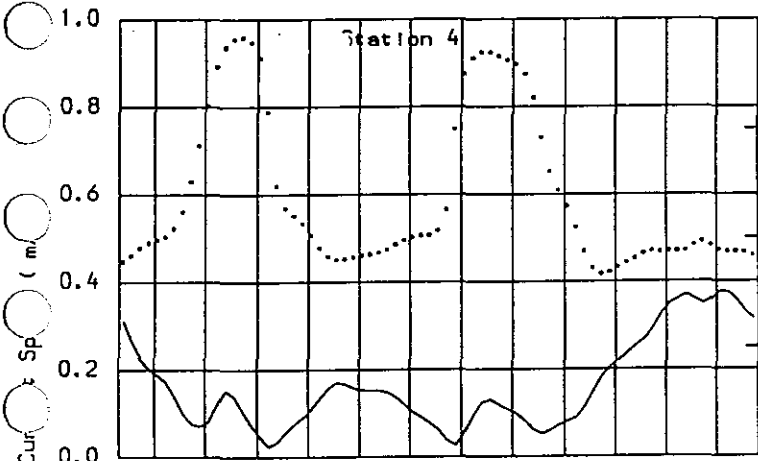
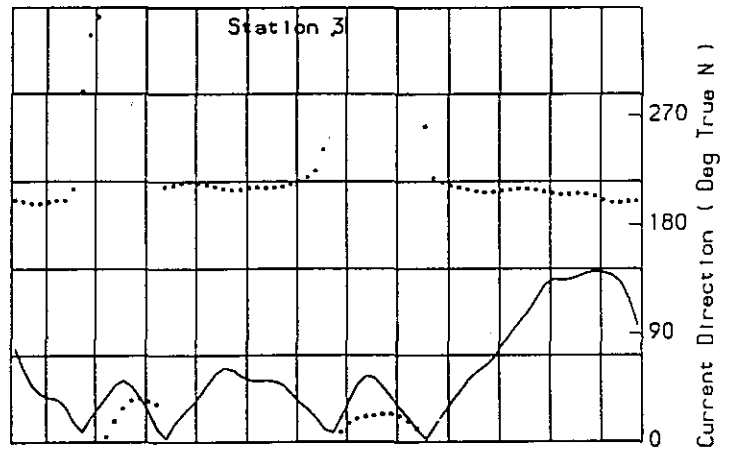
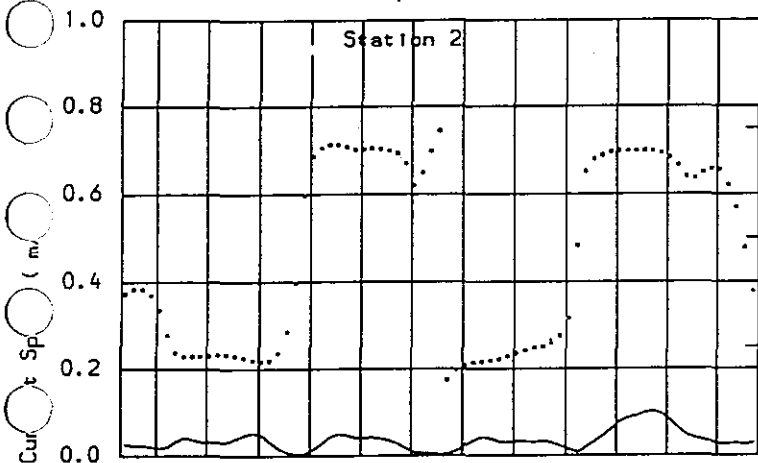
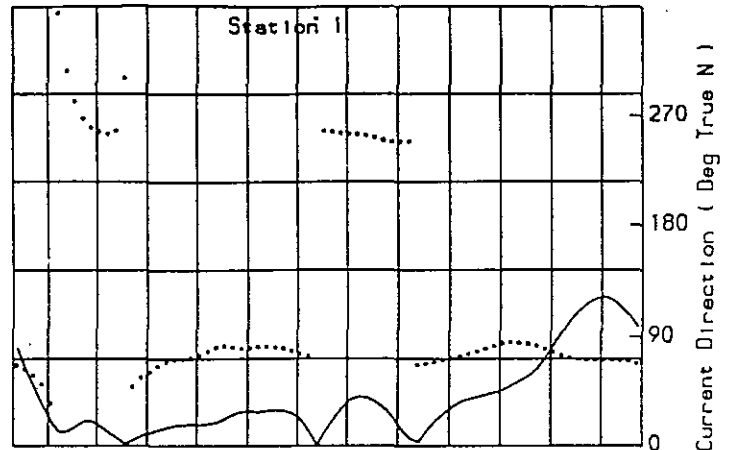
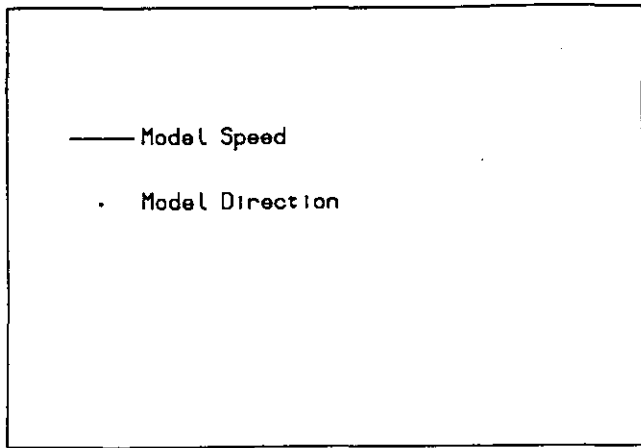


Fig 2h Green Island Reclamation - Case 1
 Wet season Spring tide - Upper layer

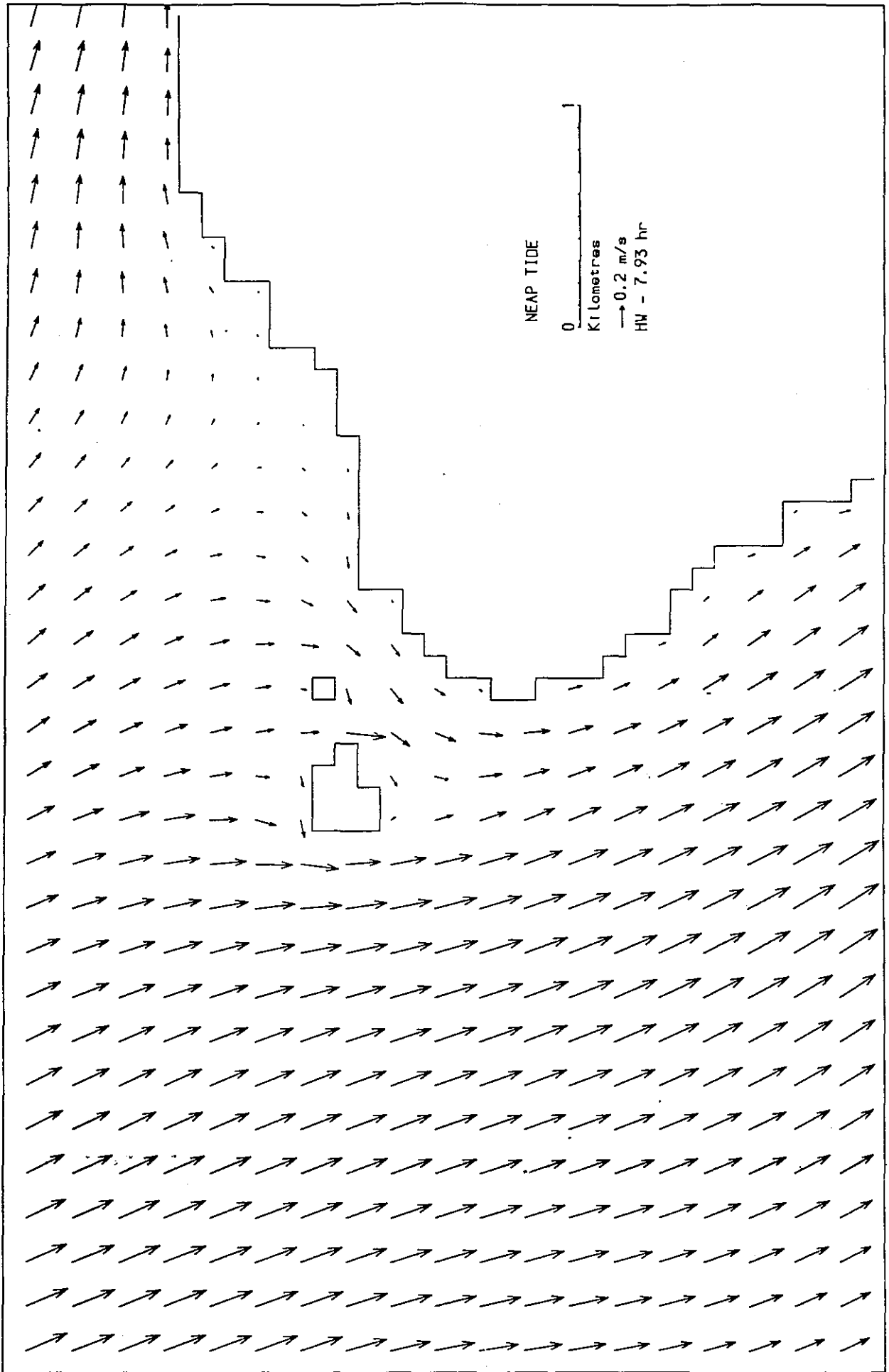


Fig 3a Green Island Reclamation - Case 1
Dry season Neap Ebb - Upper layer

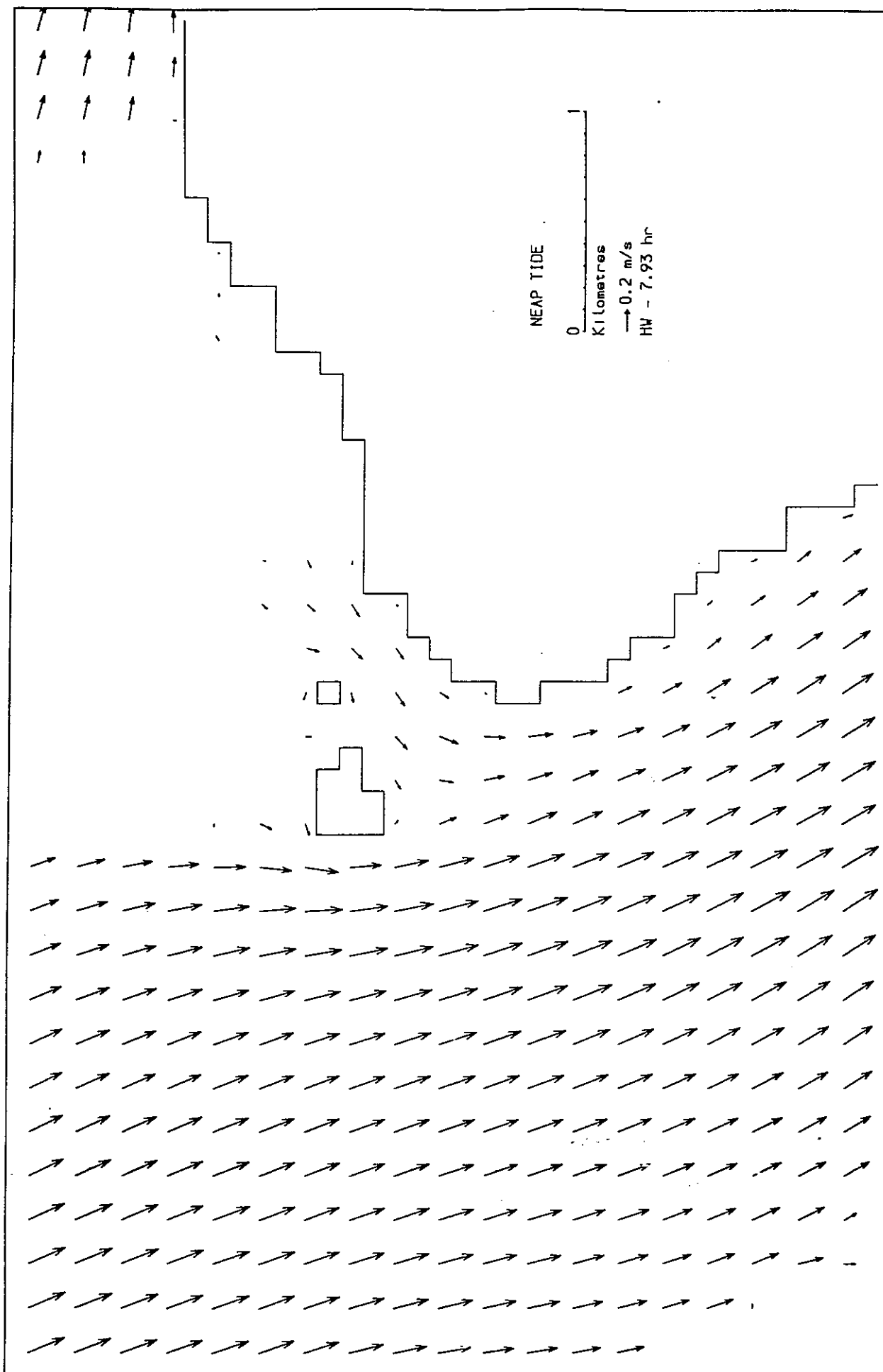


Fig 3b Green Island Reclamation - Case 1
Dry season Neap Ebb - Lower layer

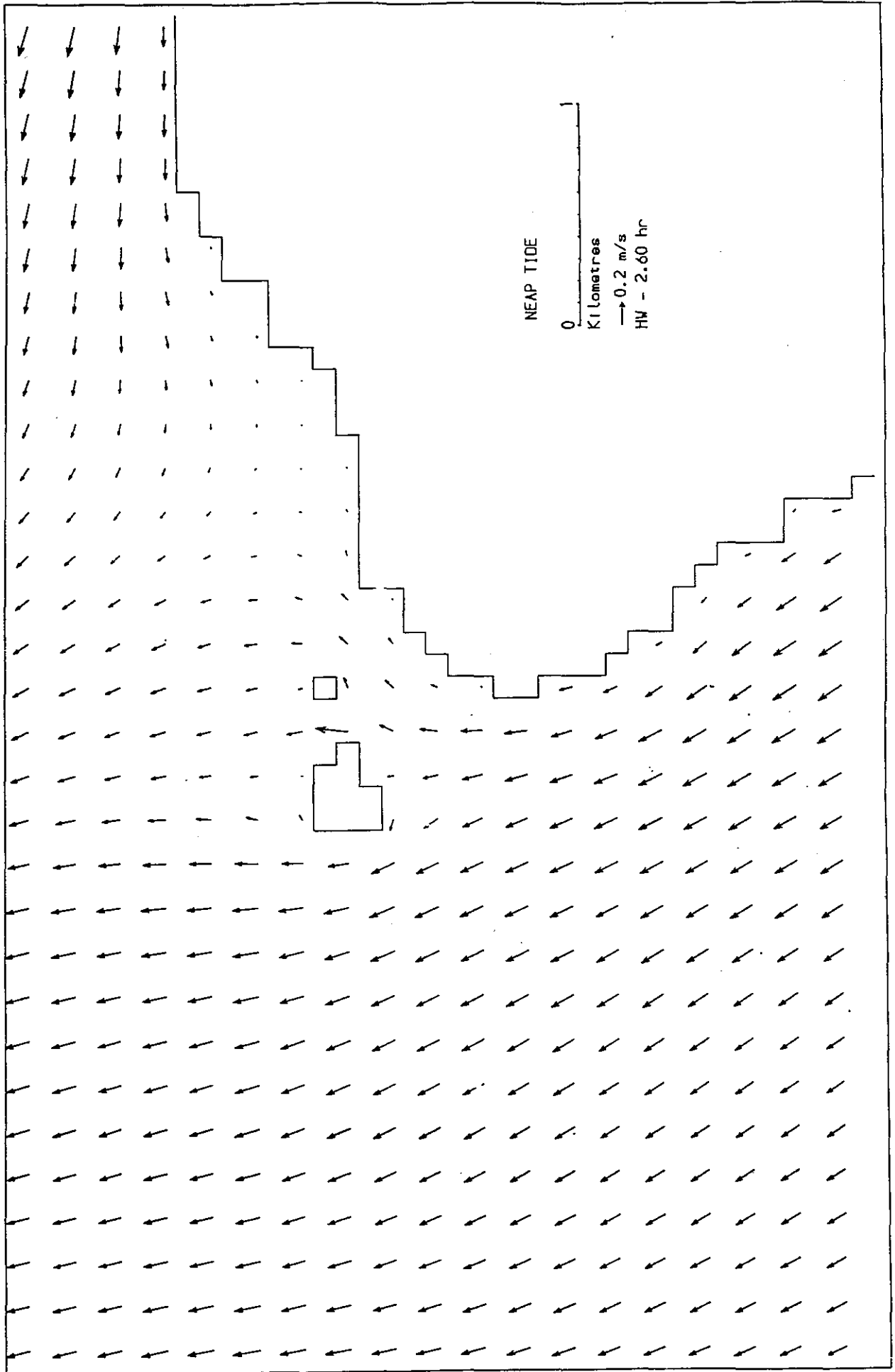


Fig 3c Green Island Reclamation - Case 1
Dry season Neap Flood - Upper layer

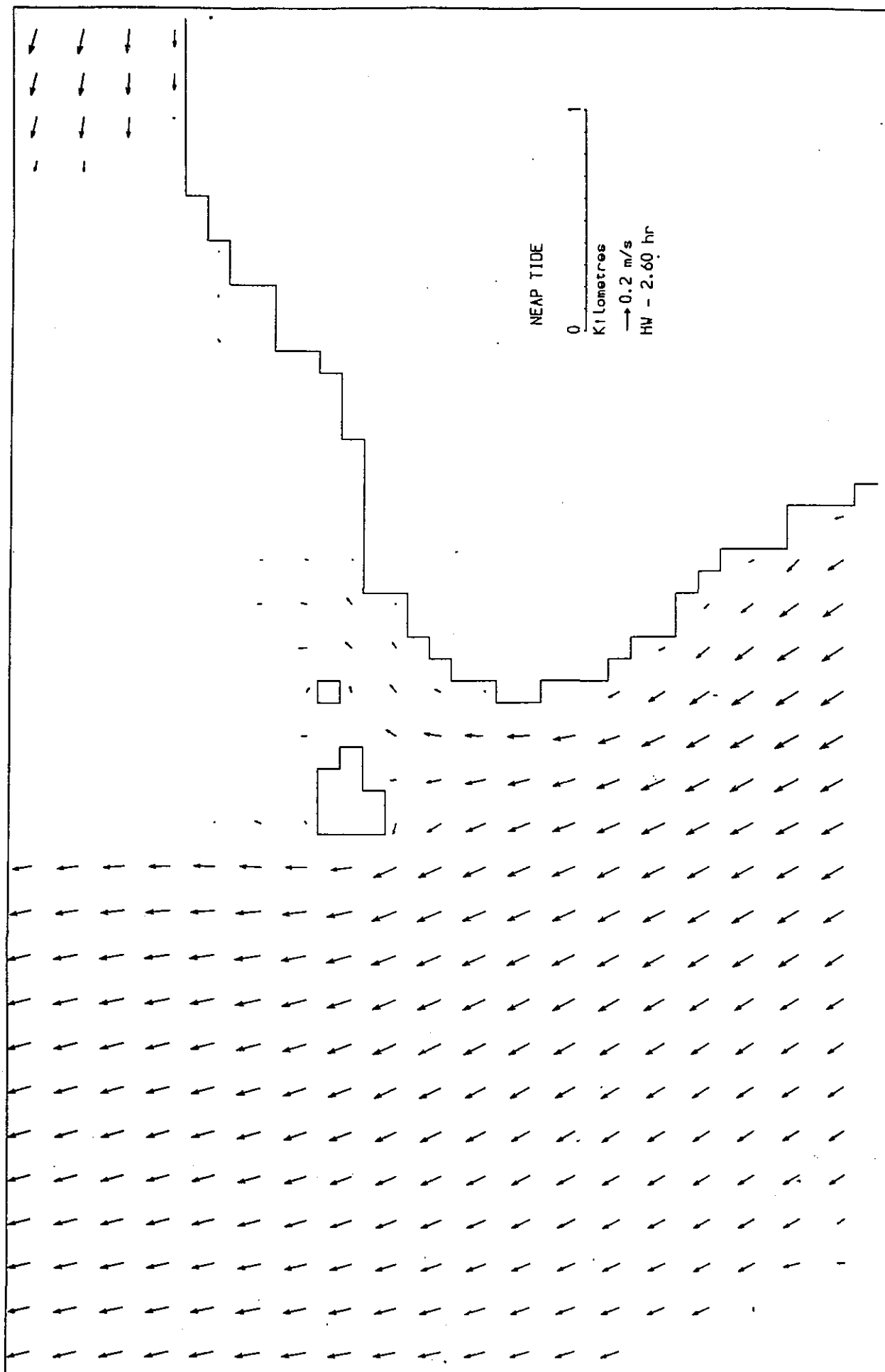


Fig 3d Green Island Reclamation - Case 1
Dry season Neap Flood - Lower layer

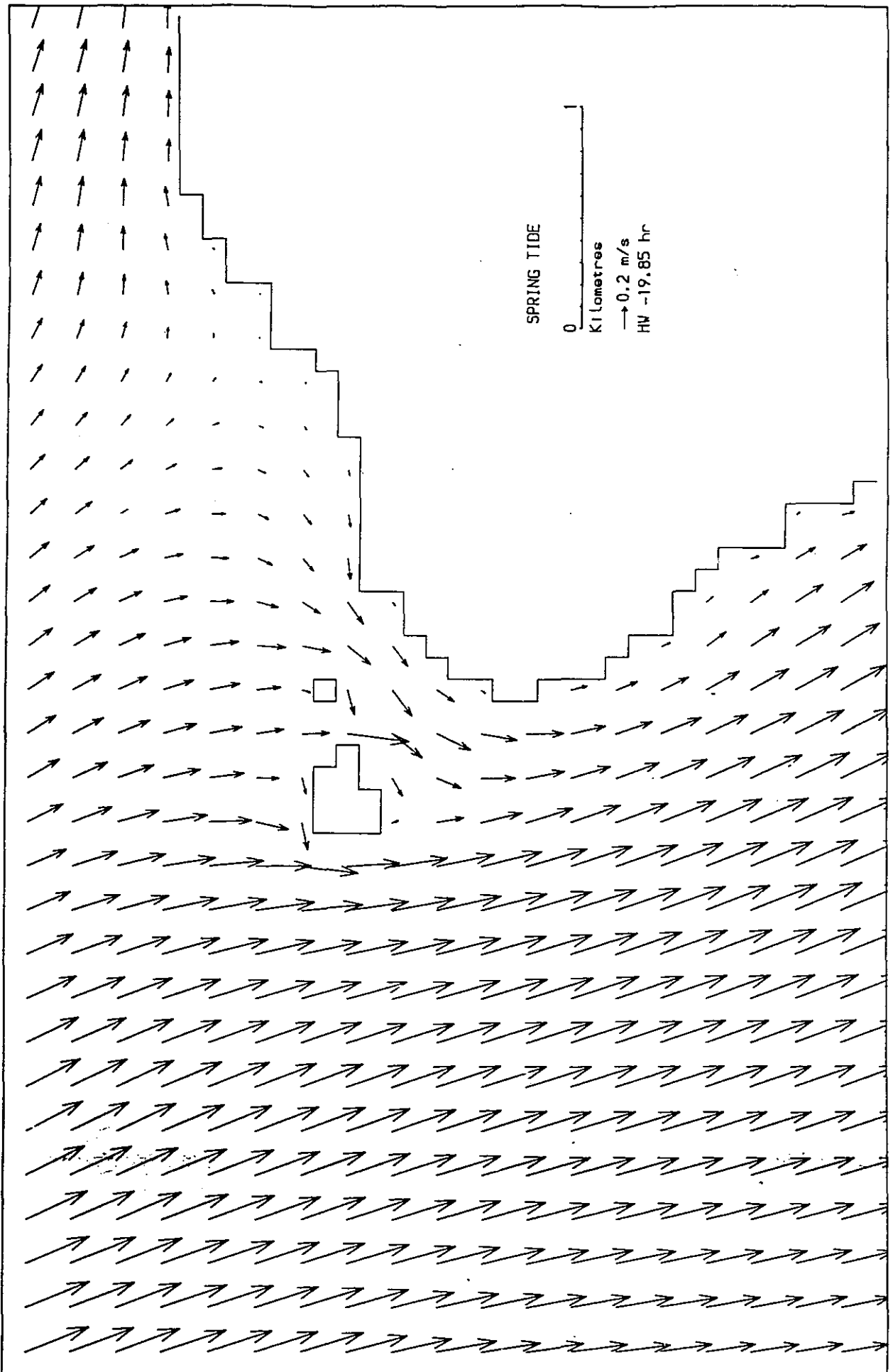


Fig 3e Green Island Reclamation - Case 1
 Dry season Spring Ebb - Upper layer

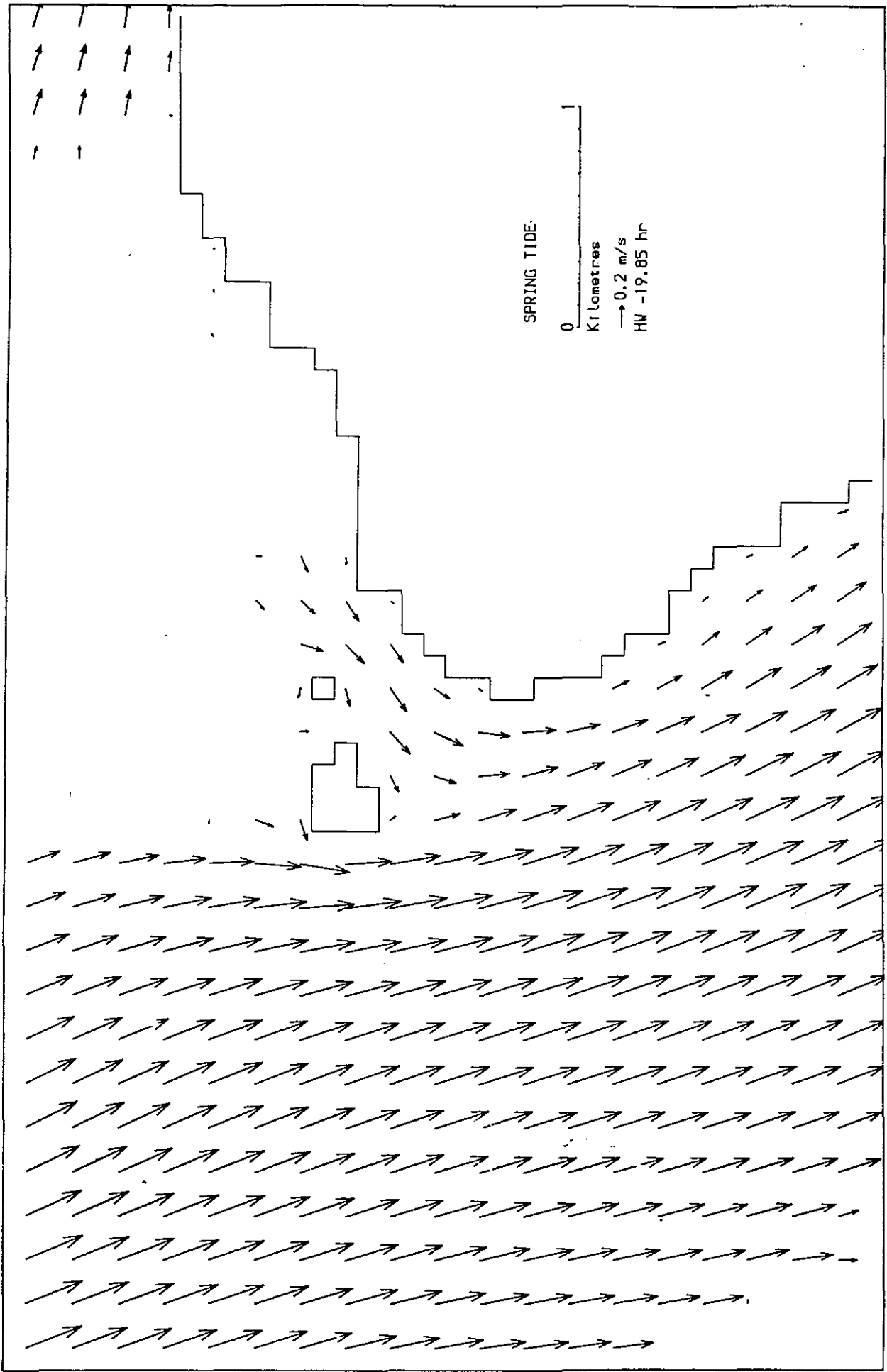


Fig 34 Green Island Reclamation - Case 1
i Dry season Spring Ebb - Lower layer

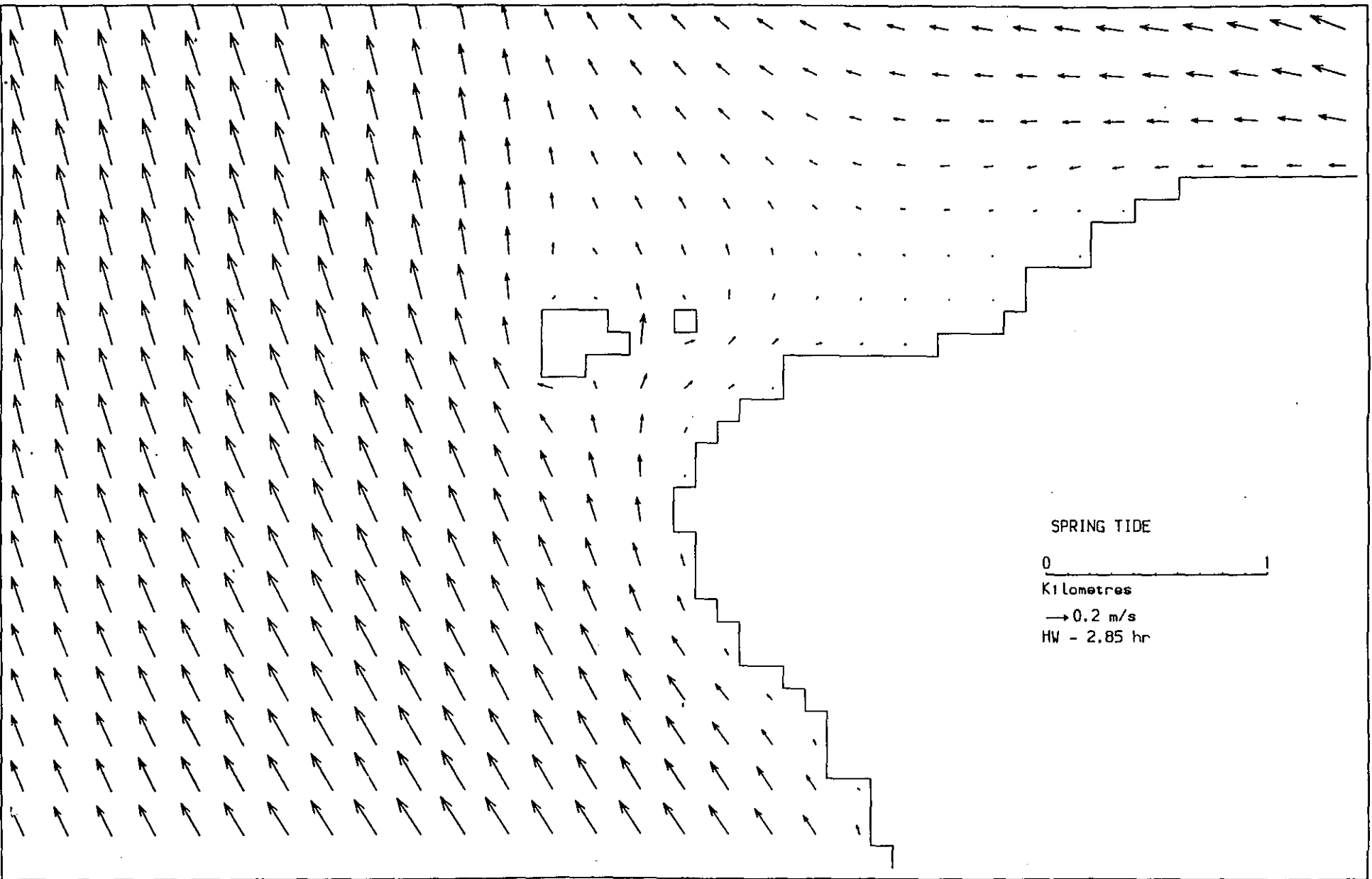


Fig 3 Green Island Reclamation - Case 1
 Dry season Spring Flood - Upper layer

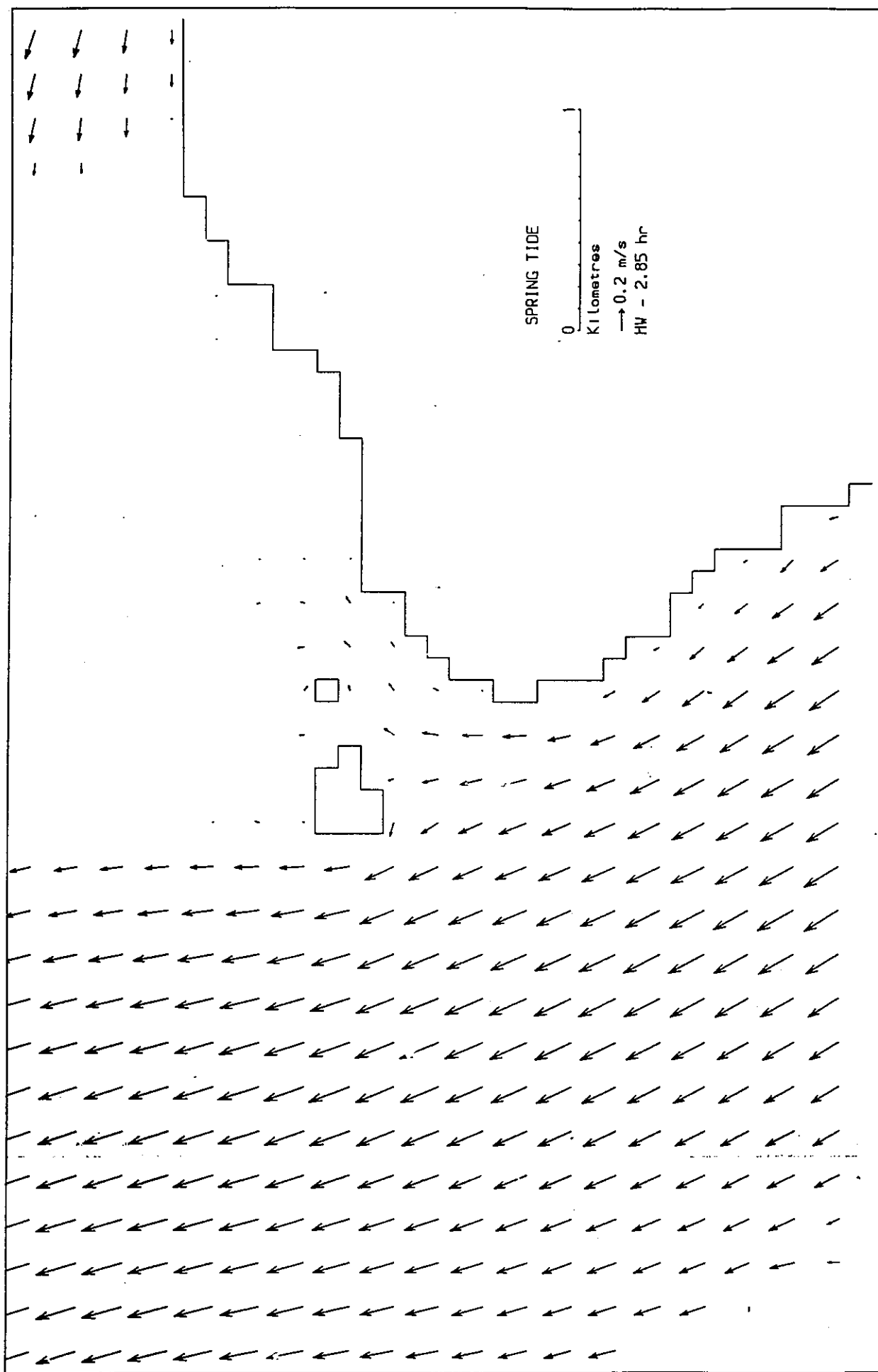


Fig 3h Green Island Reclamation - Case 1
 Dry season Spring Flood - Lower layer

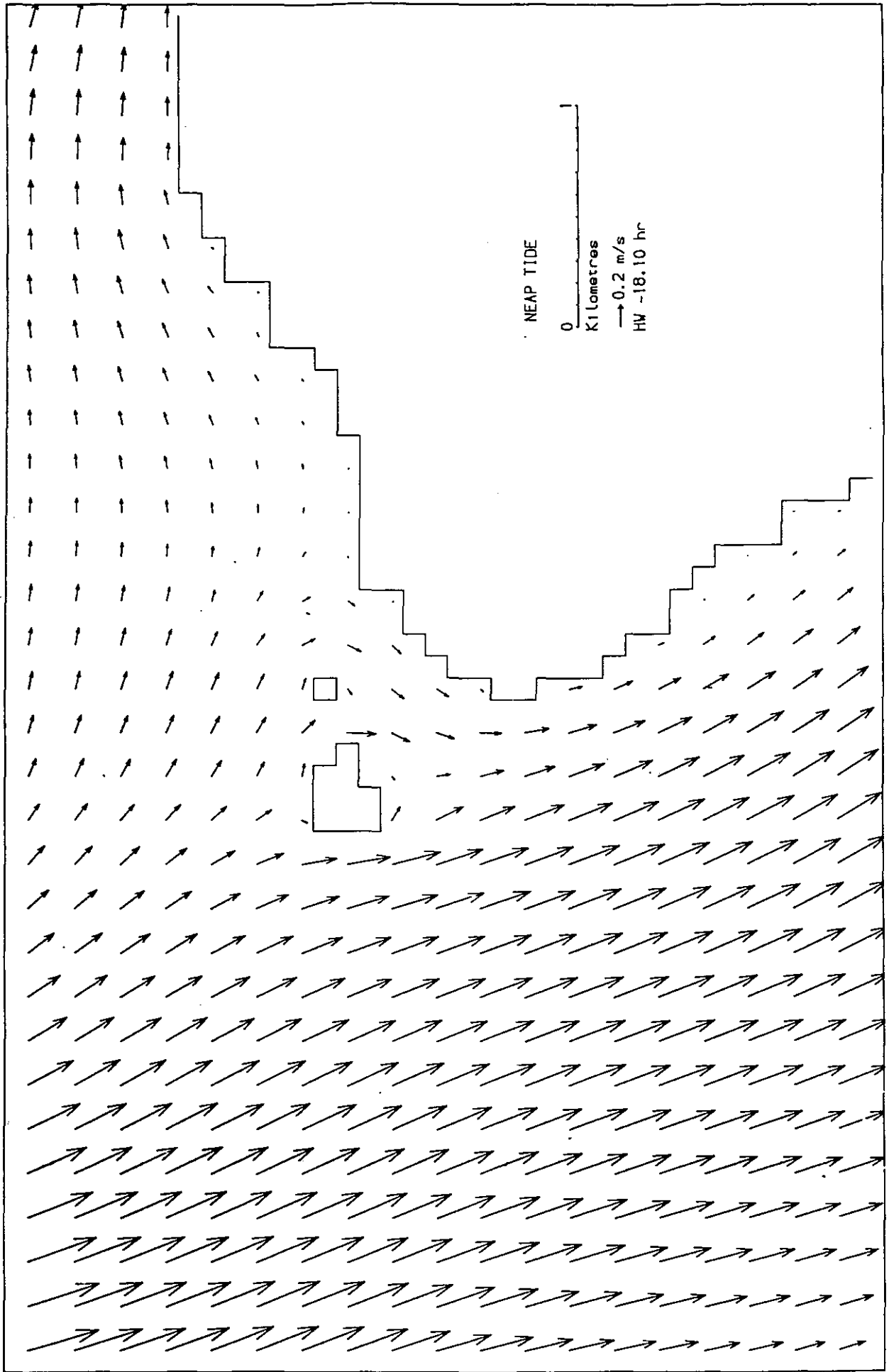


Fig 3i Green Island Reclamation - Case 1
Wet season Neap Ebb - Upper layer

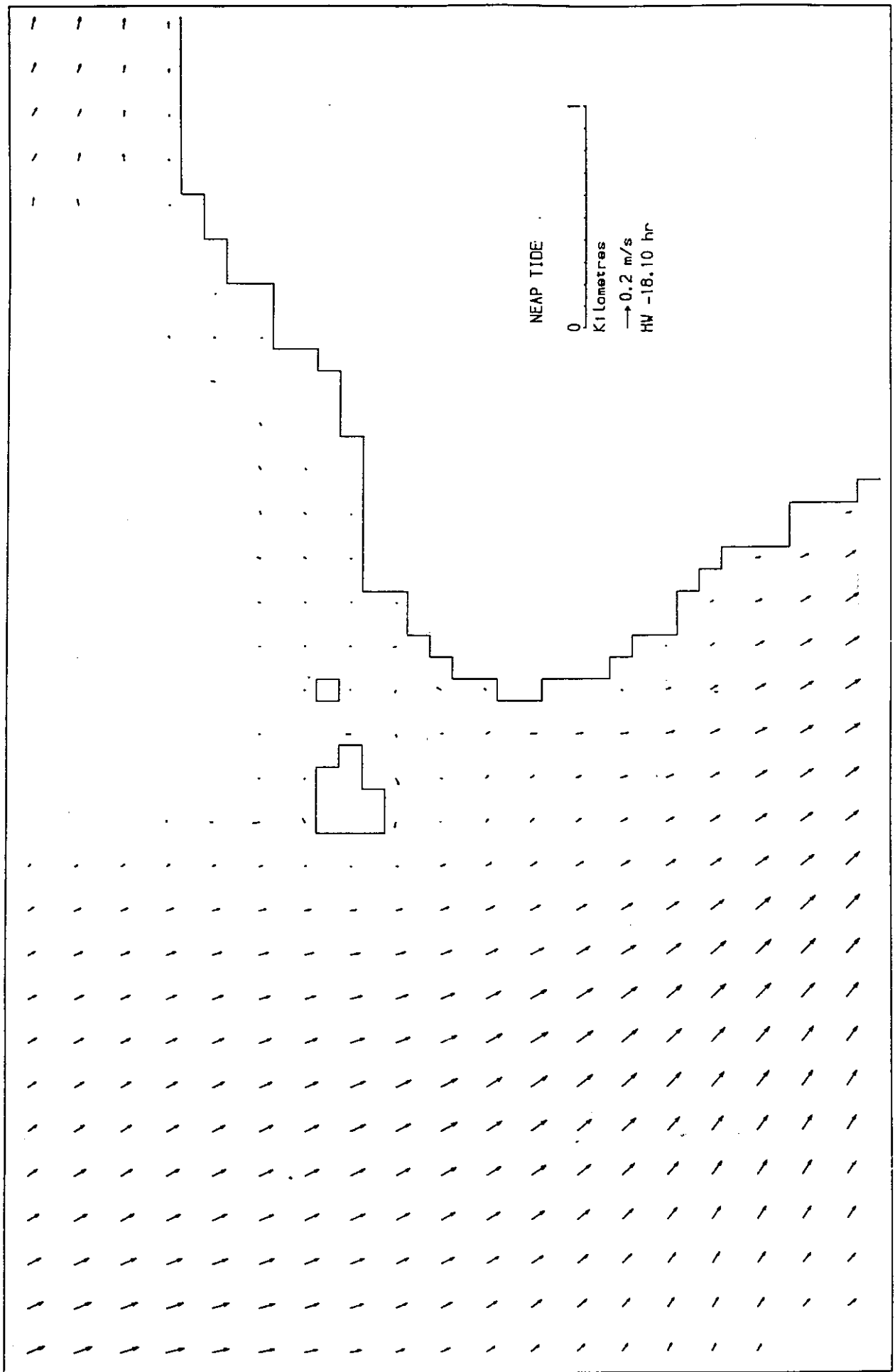


Fig. 3j Green Island Reclamation - Case 1
Wet season Neap Ebb - Lower layer

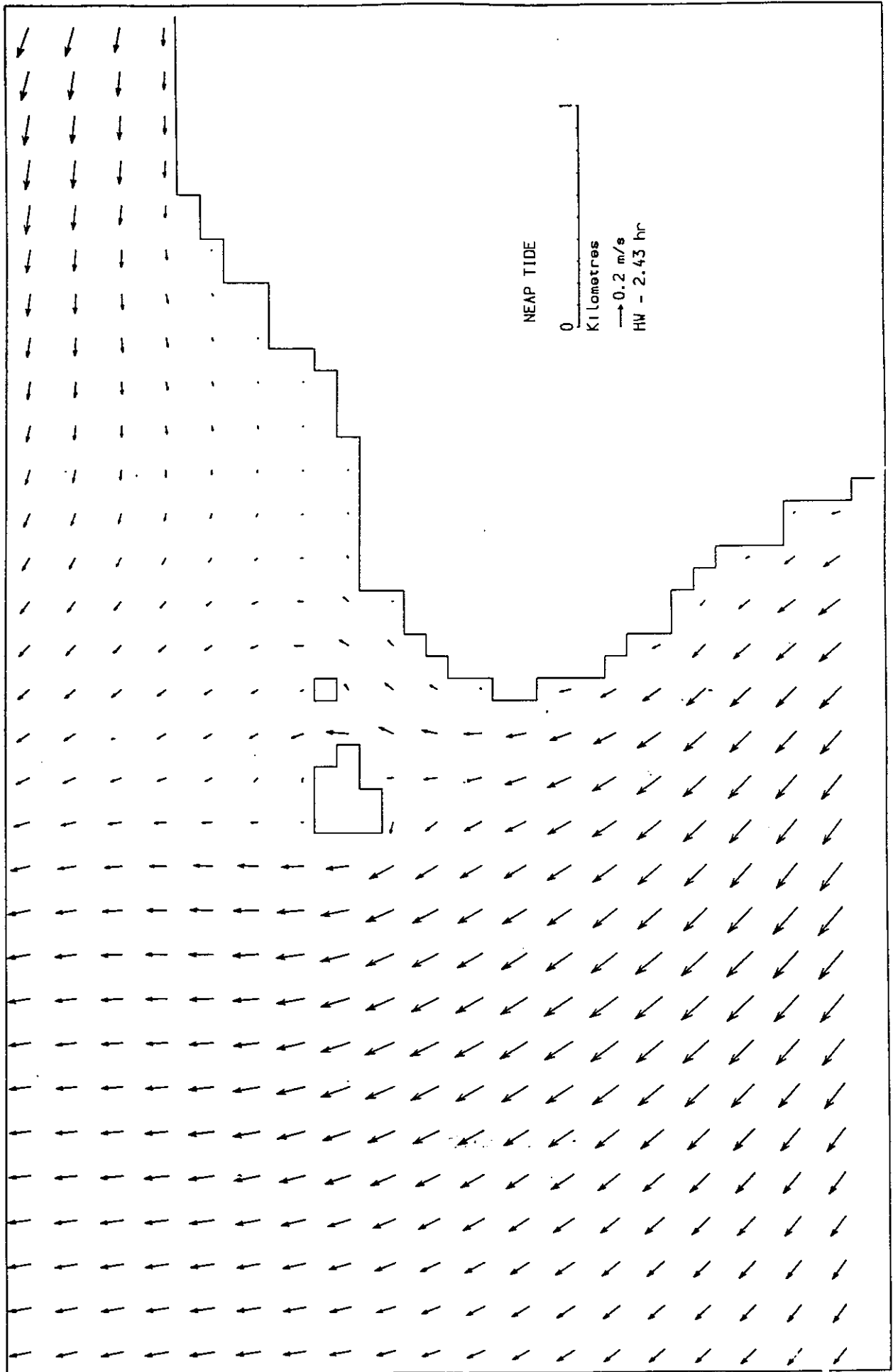


Fig 3k Green Island Reclamation - Case 1
Wet season Neap Flood - Upper layer

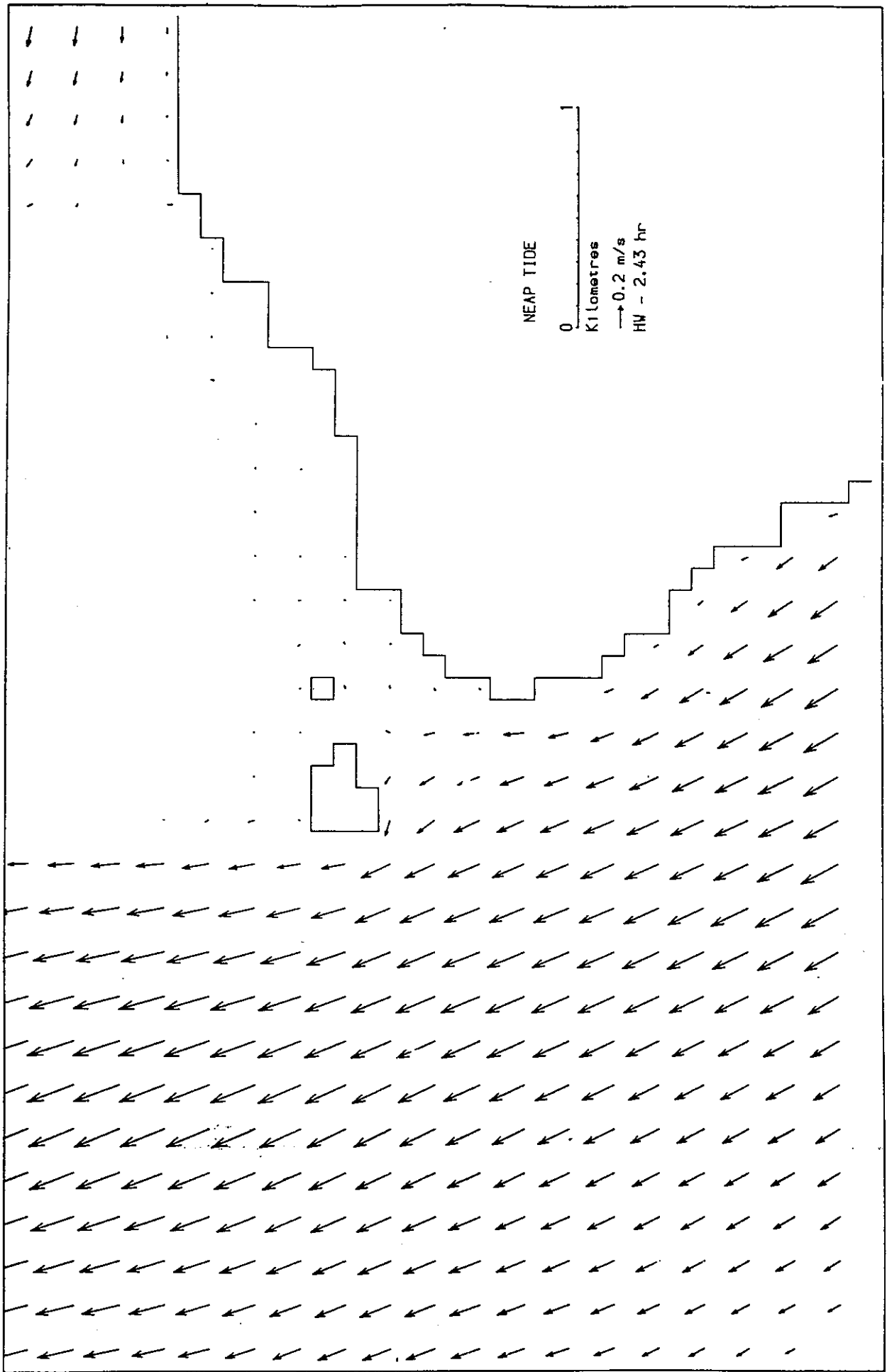


Fig 3L Green Island Reclamation - Case 1
 Wet season Neap Flood - Lower layer

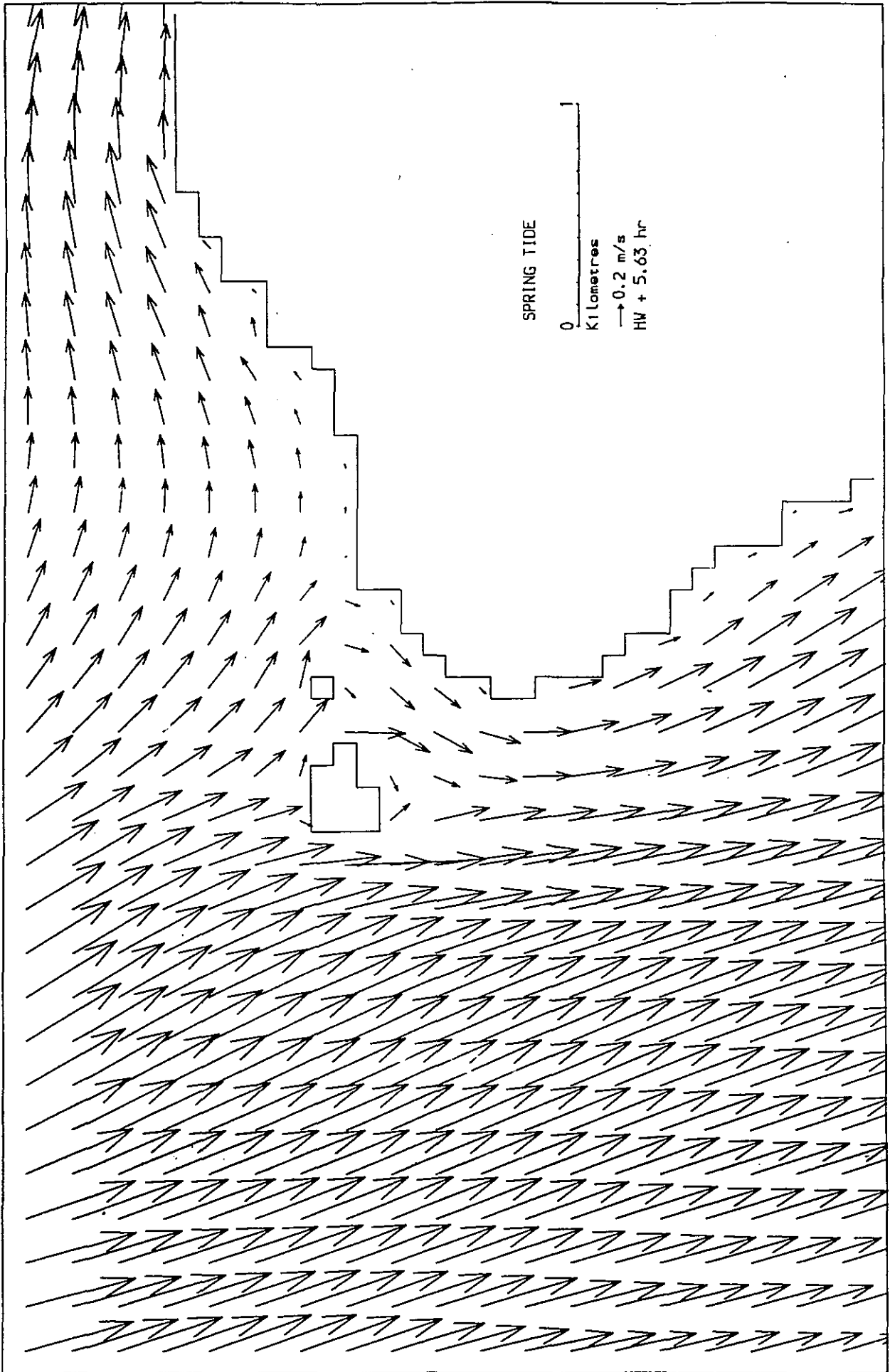


Fig 3m Green Island Reclamation - Case 1
Wet season Spring Ebb - Upper layer

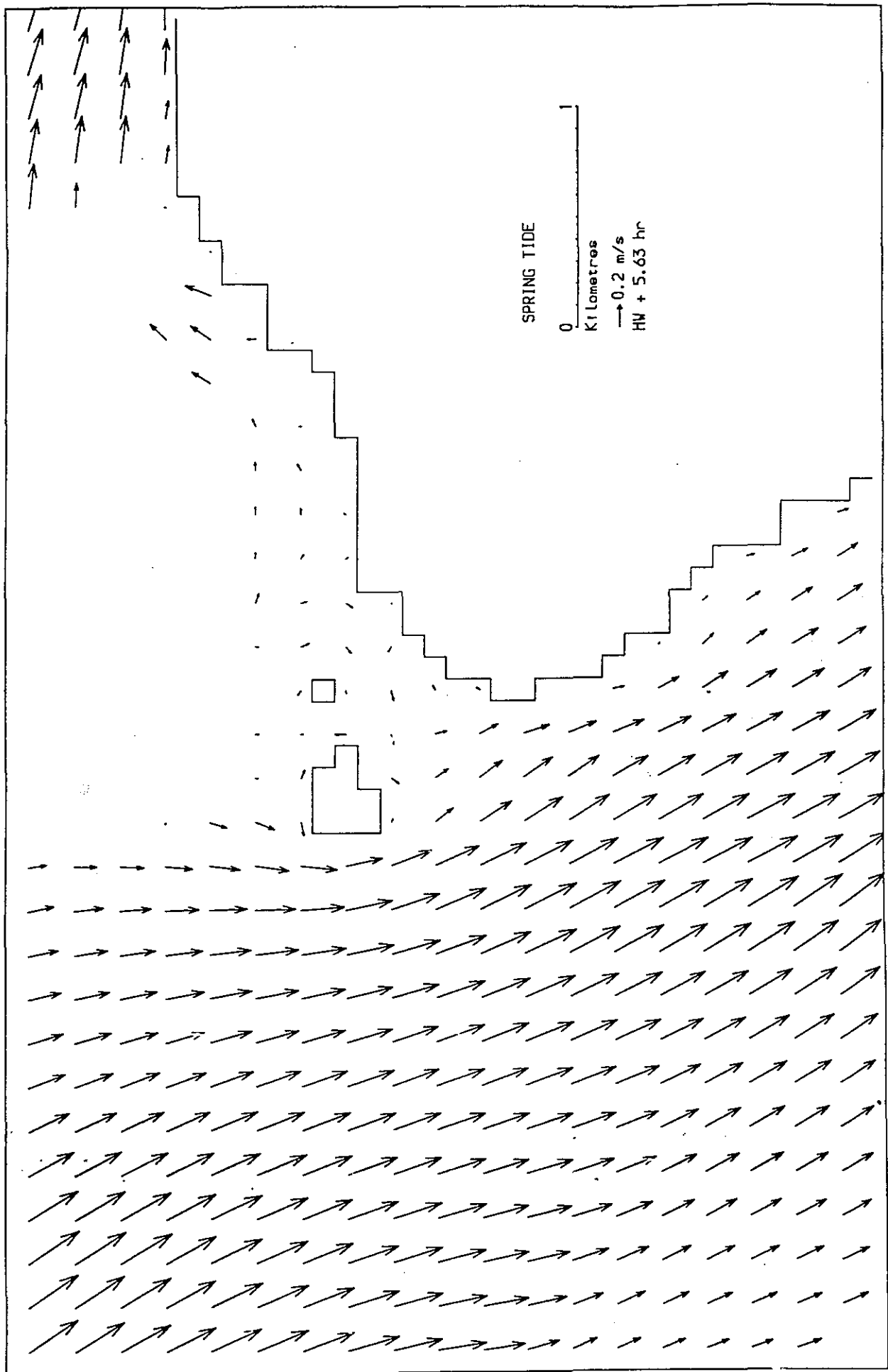


Fig 3n Green Island Reclamation - Case 1
Wet season Spring Ebb - Lower layer

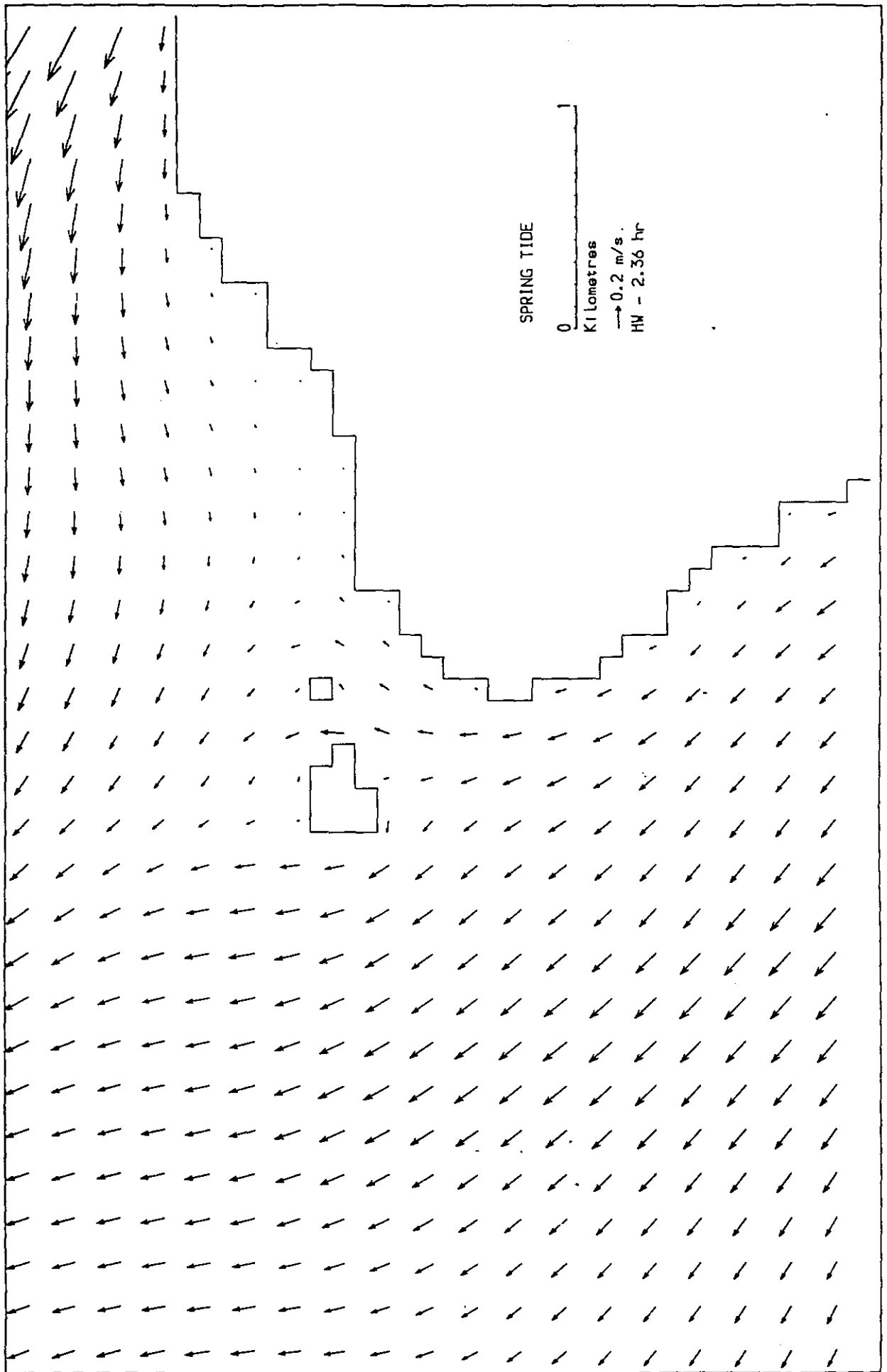
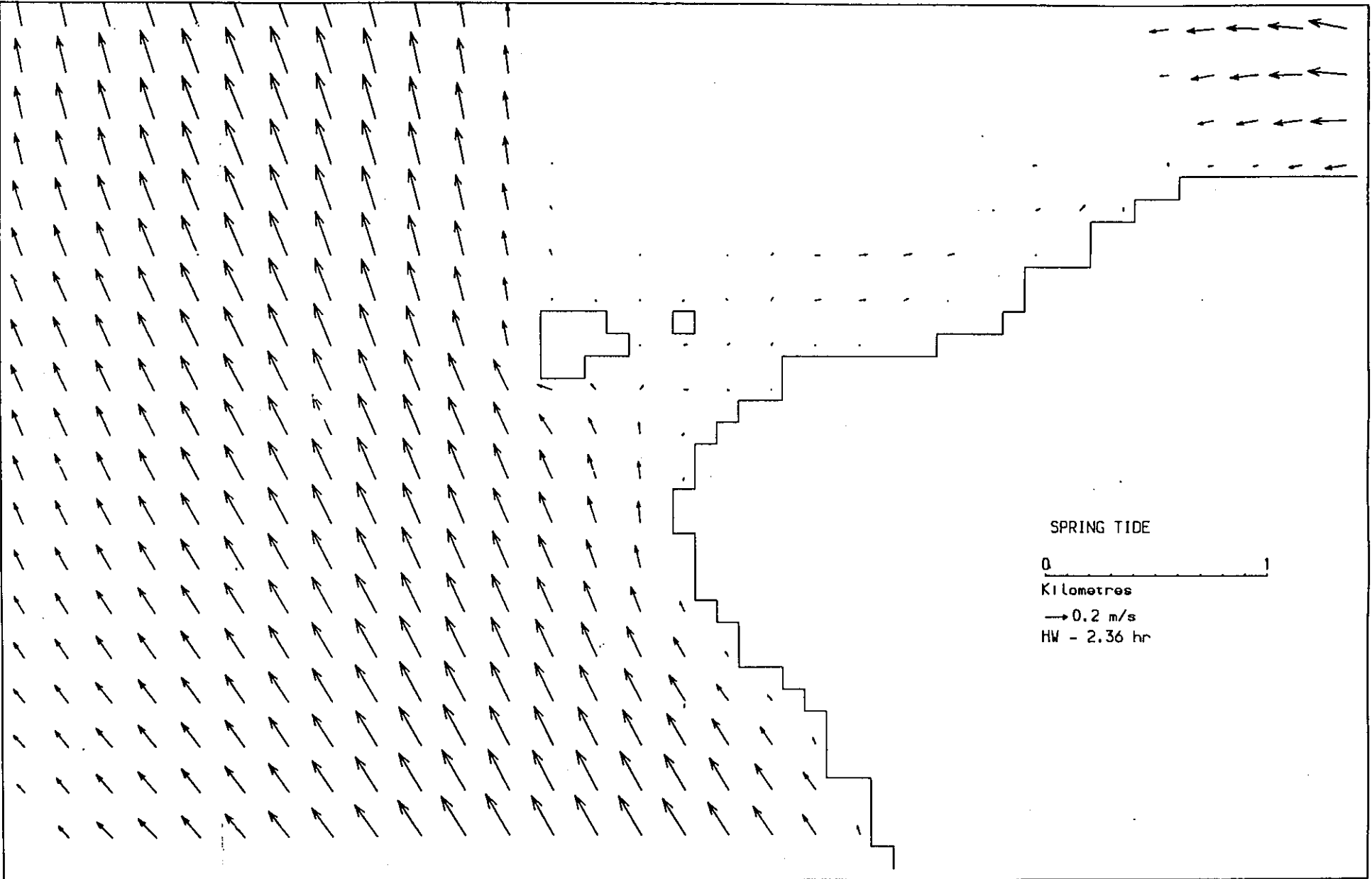


Fig 30 Green Island Reclamation - Case 1
Wet season Spring Flood - Upper layer

Fig 3p Green Island Reclamation - Case 1
Wet season Spring Flood - Lower layer



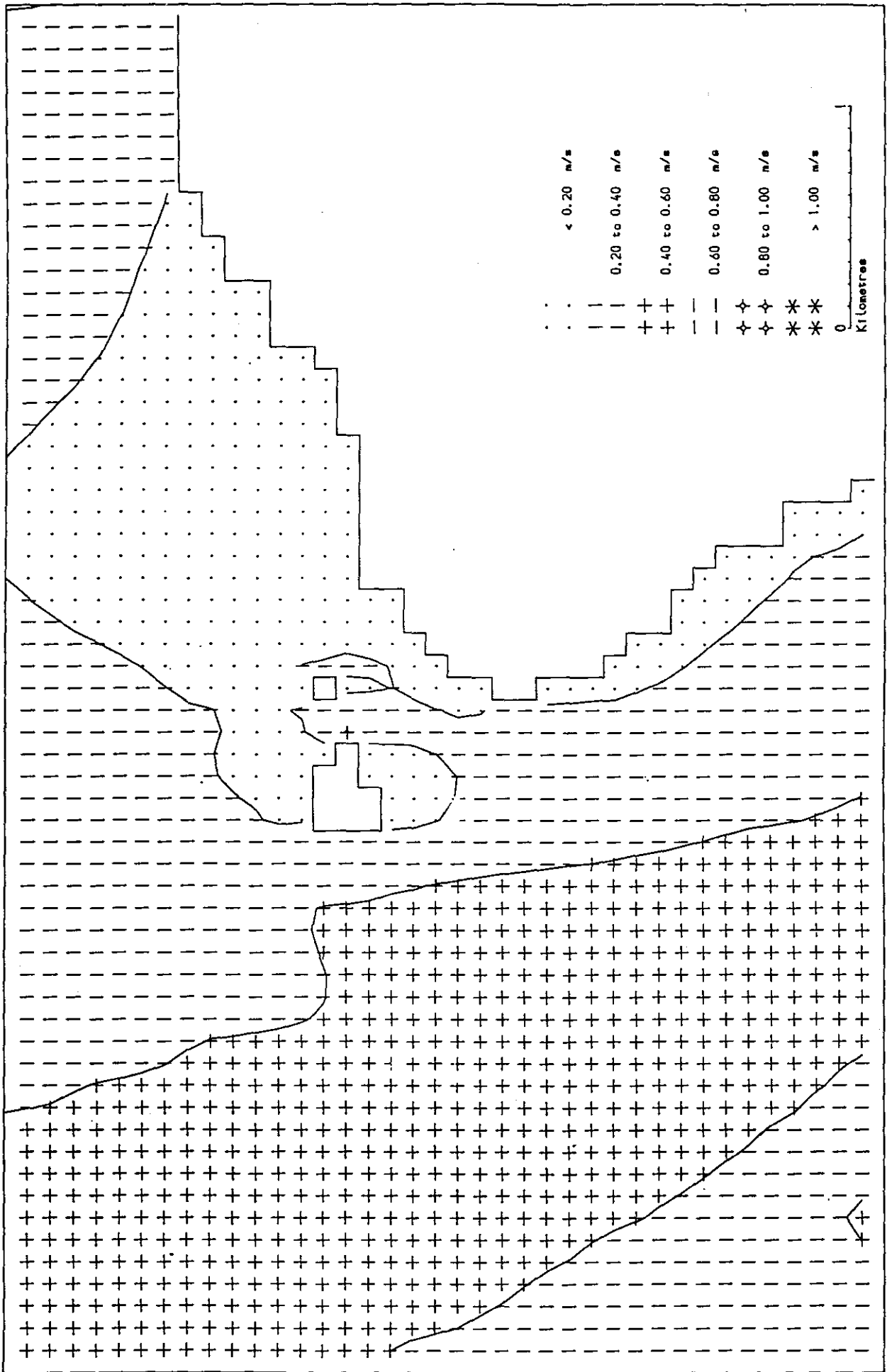


Fig 4a Green Island Reclamation - Upper layer
 Dry season Neap Peak Speed - Case 1

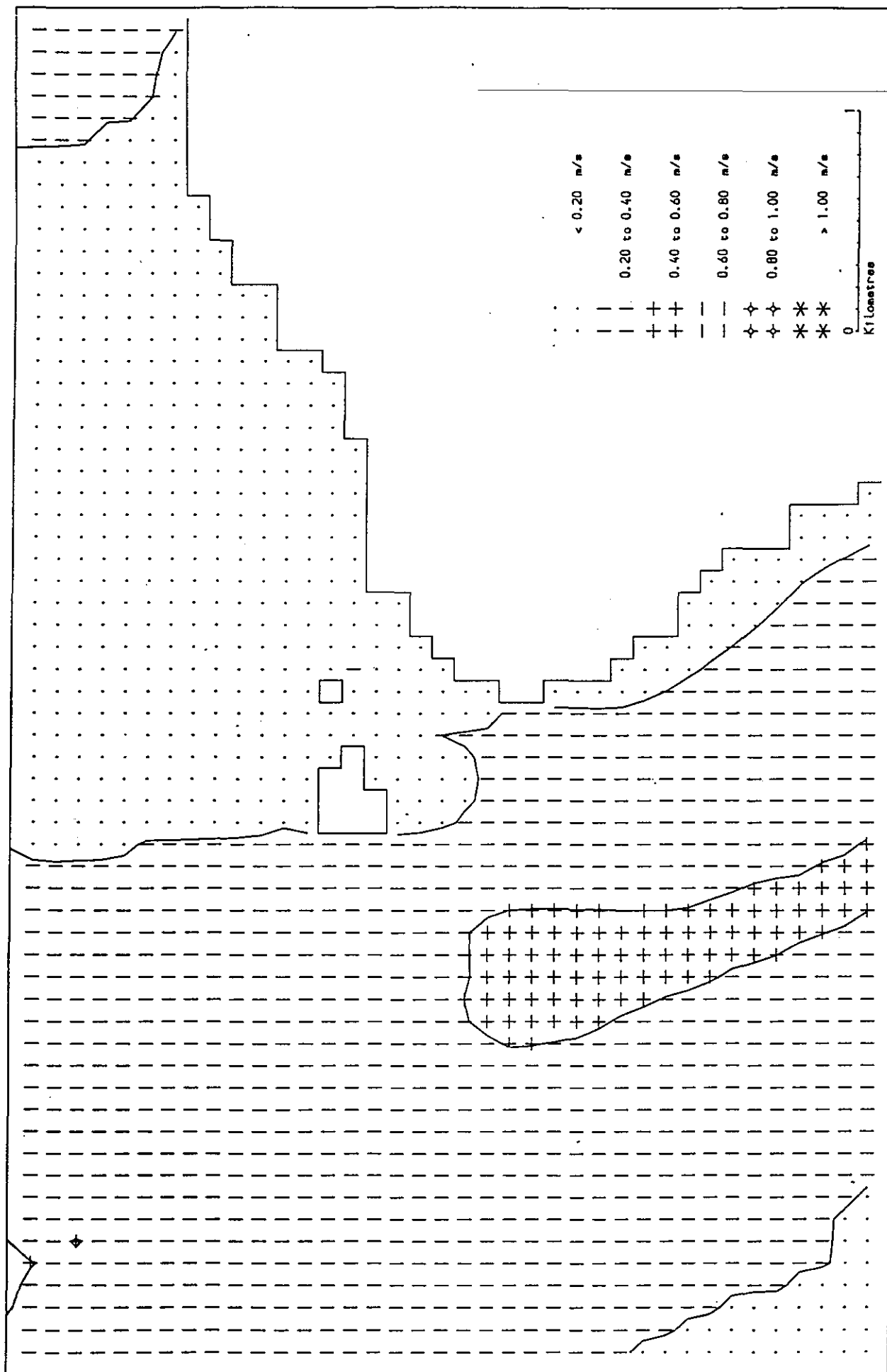


Fig 4b Green Island Reclamation - Lower layer
 Dry season Neap Peak Speed - Case 1

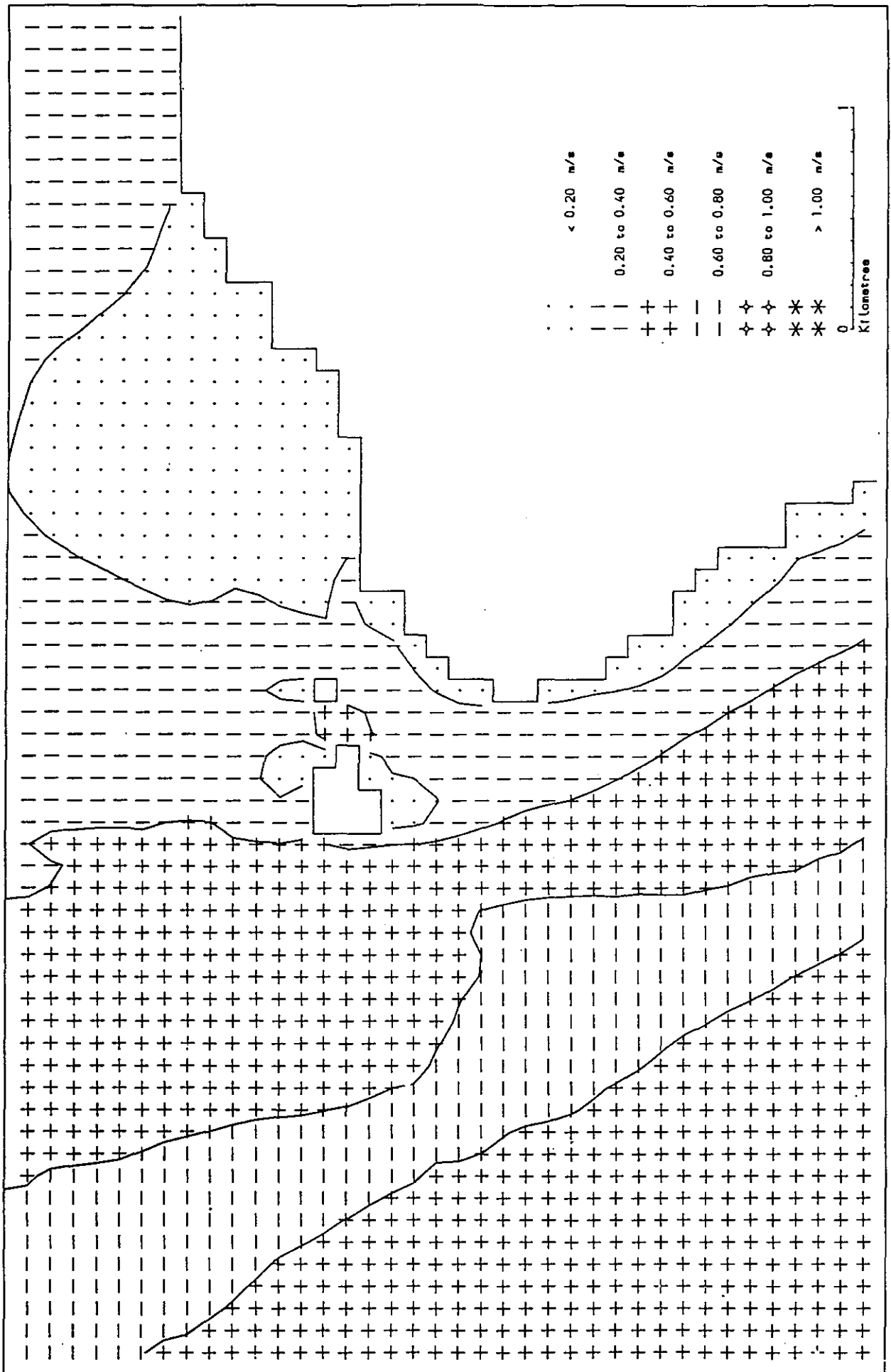


Fig 4c Green Island Reclamation - Upper layer
 Dry season Spring Peak Speed - Case 1

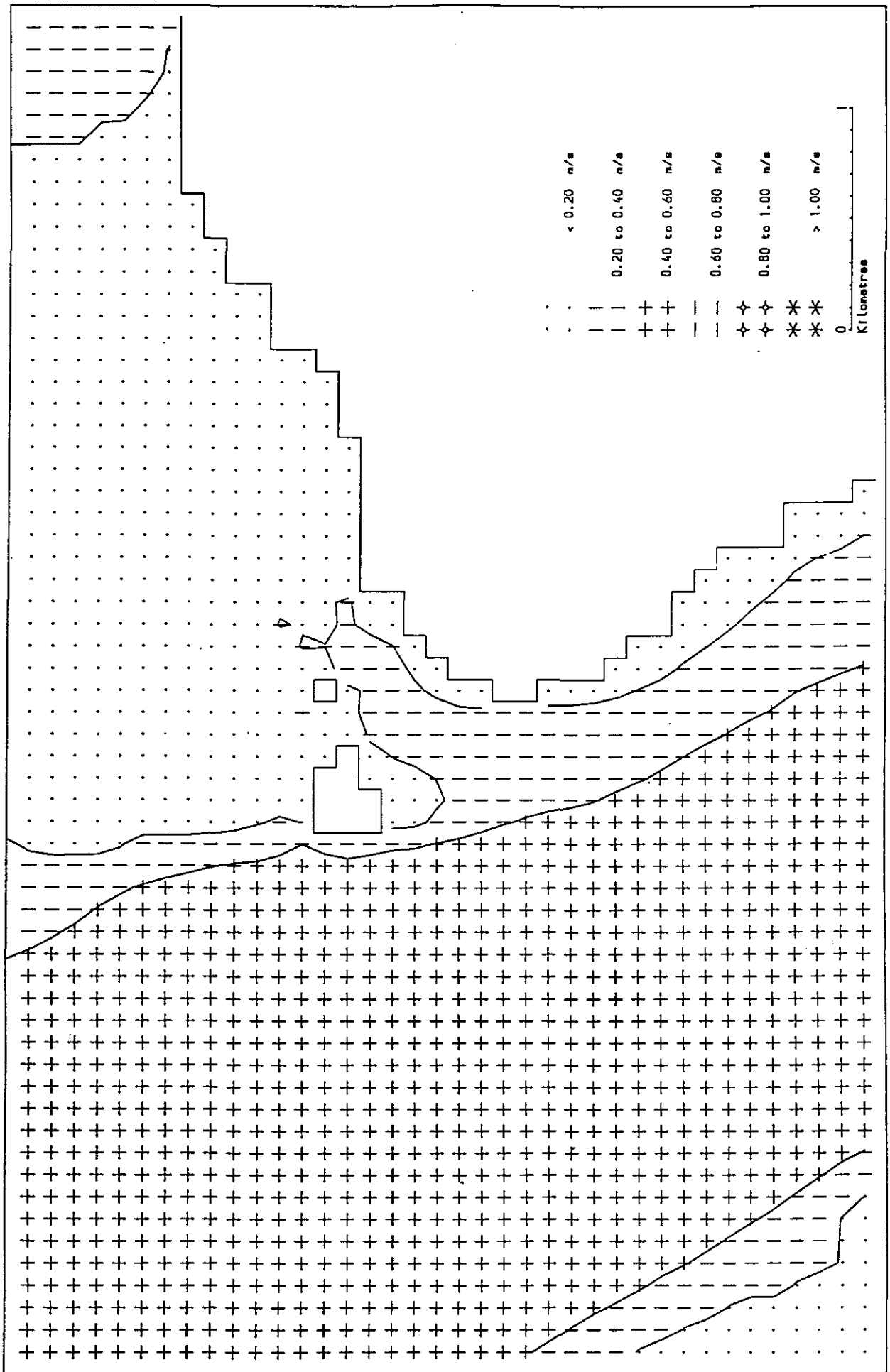


Fig 4d Green Island Reclamation - Lower layer
 Dry season Spring Peak Speed - Case 1

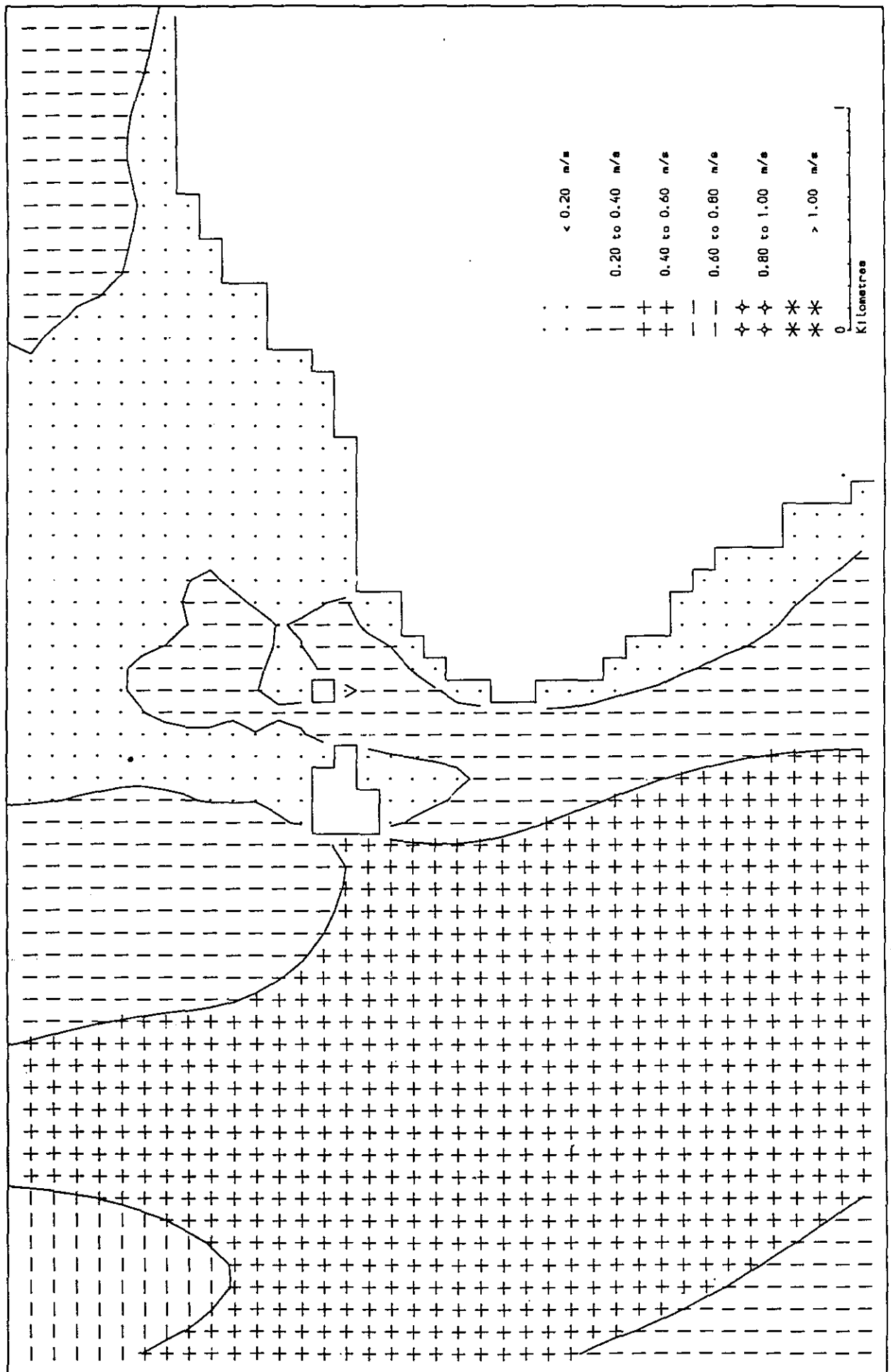


Fig 4e Green Island Reclamation - Upper layer
 Wet season Neap Peak Speed - Case 1

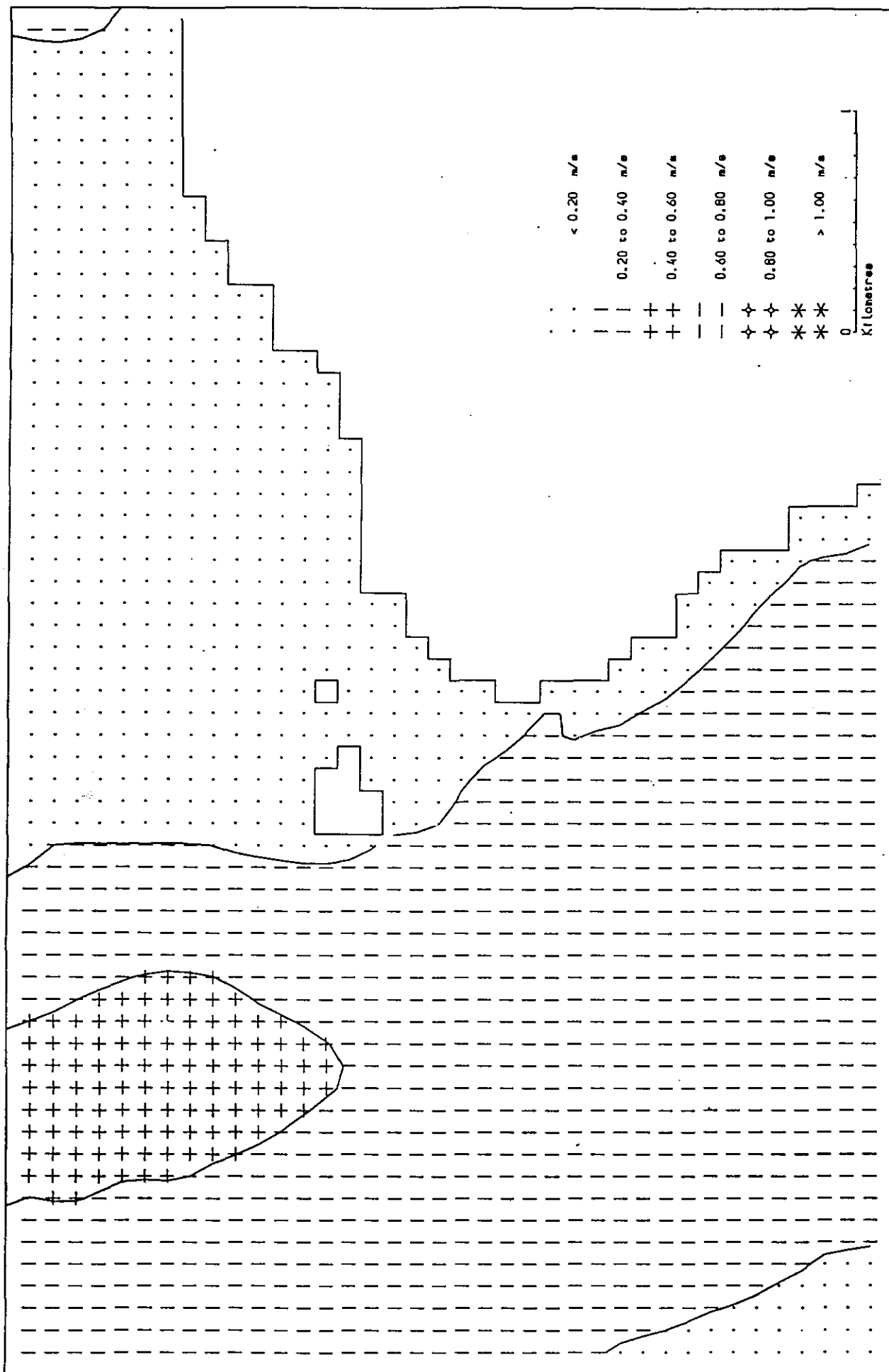


Fig 4¹ Green Island Reclamation - Lower layer
 Wet season Neap Peak Speed - Case 1

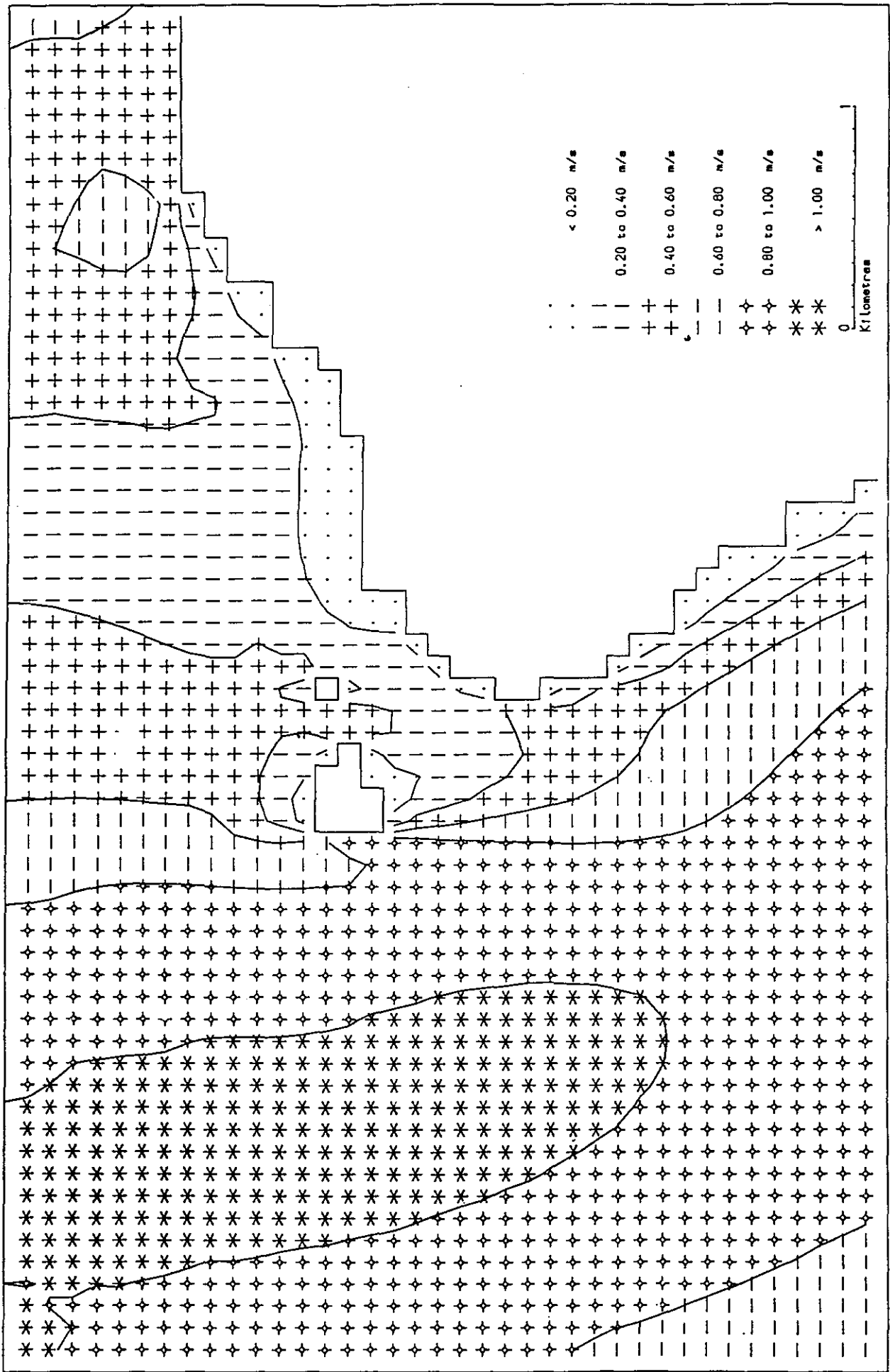


Fig 43 Green Island Reclamation - Upper layer
 Wet season Spring Peak Speed - Case 1

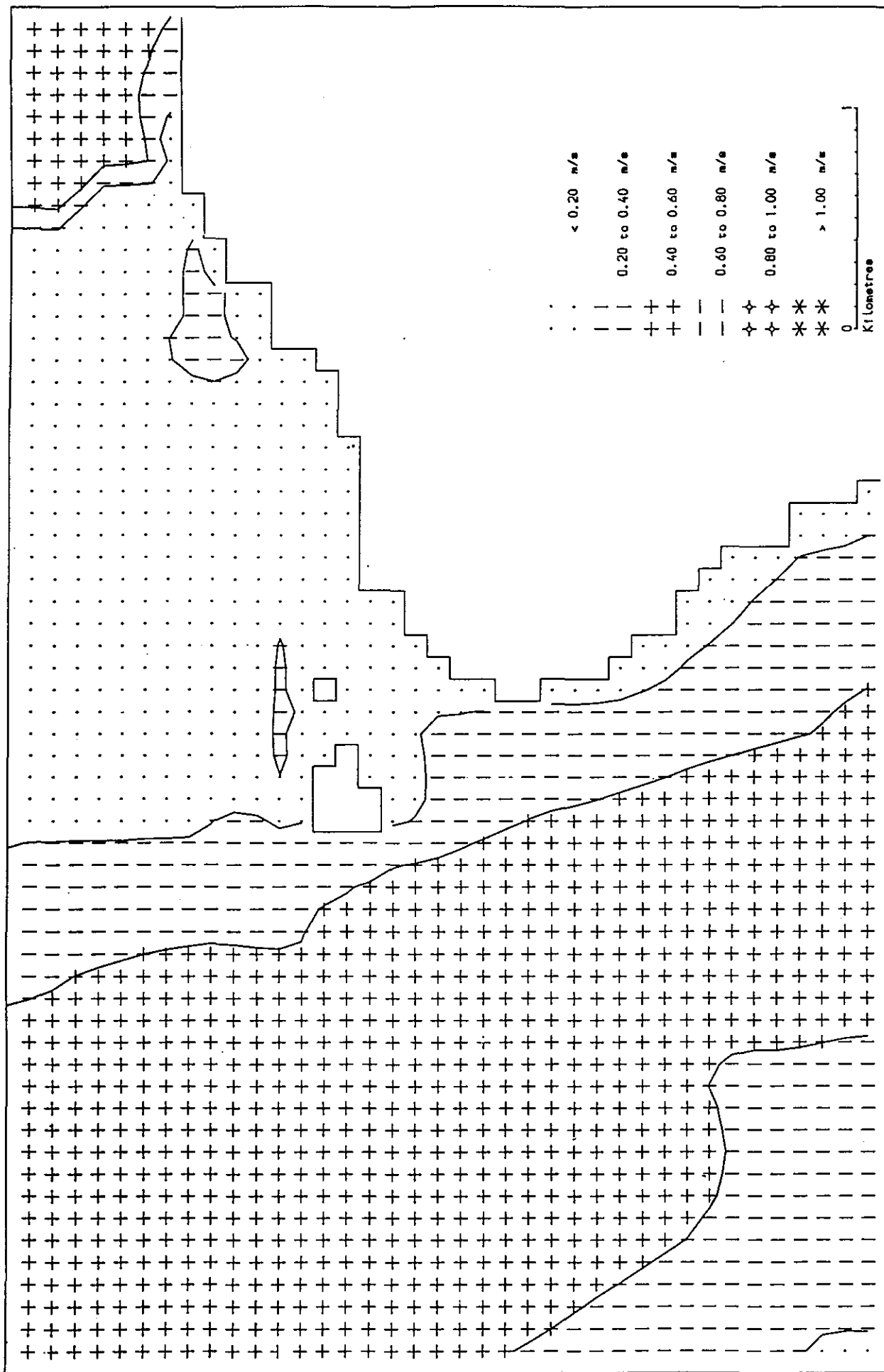


Fig 4h Green Island Reclamation - Lower layer
Wet season Spring Peak Speed - Case 1

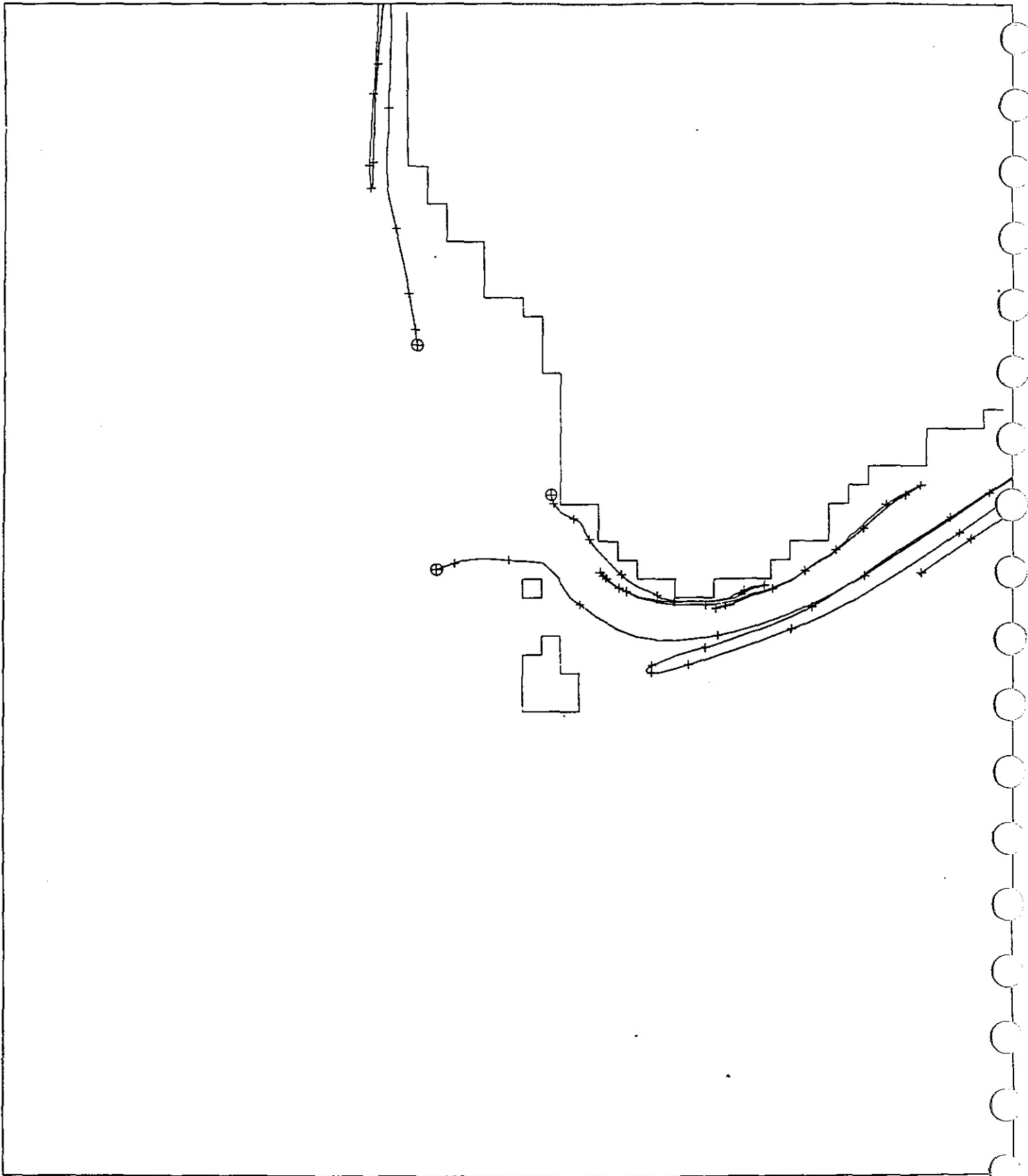


Fig 5a Green Island Reclamation - Case 1
Dry season Neap tide - Released at HHW

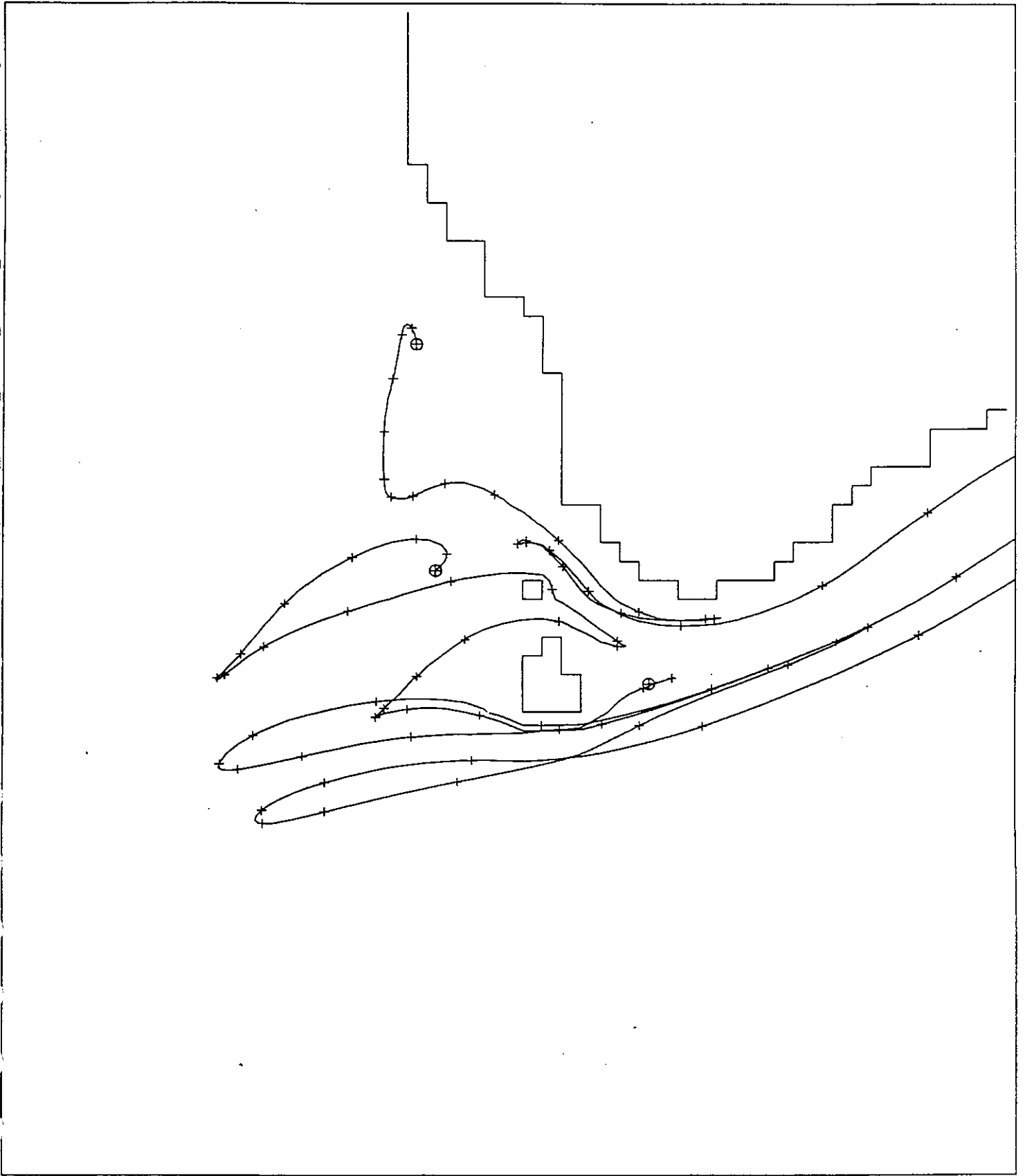


Fig 5b Green Island Reclamation - Case 1
Dry season Neap tide - Released at LLW

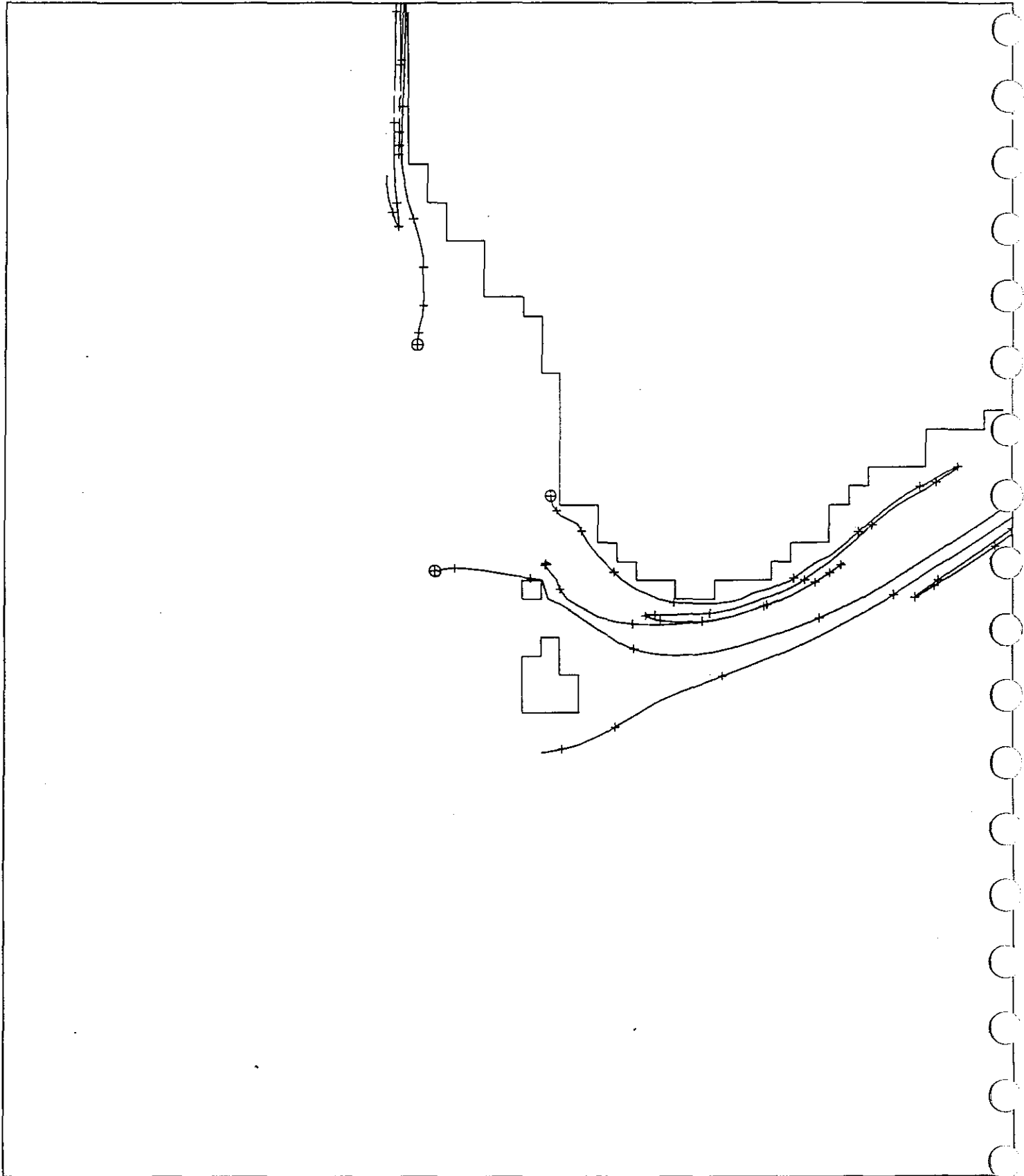


Fig 5c Green Island Reclamation - Case 1
Dry season Spring tide - Released at HHW

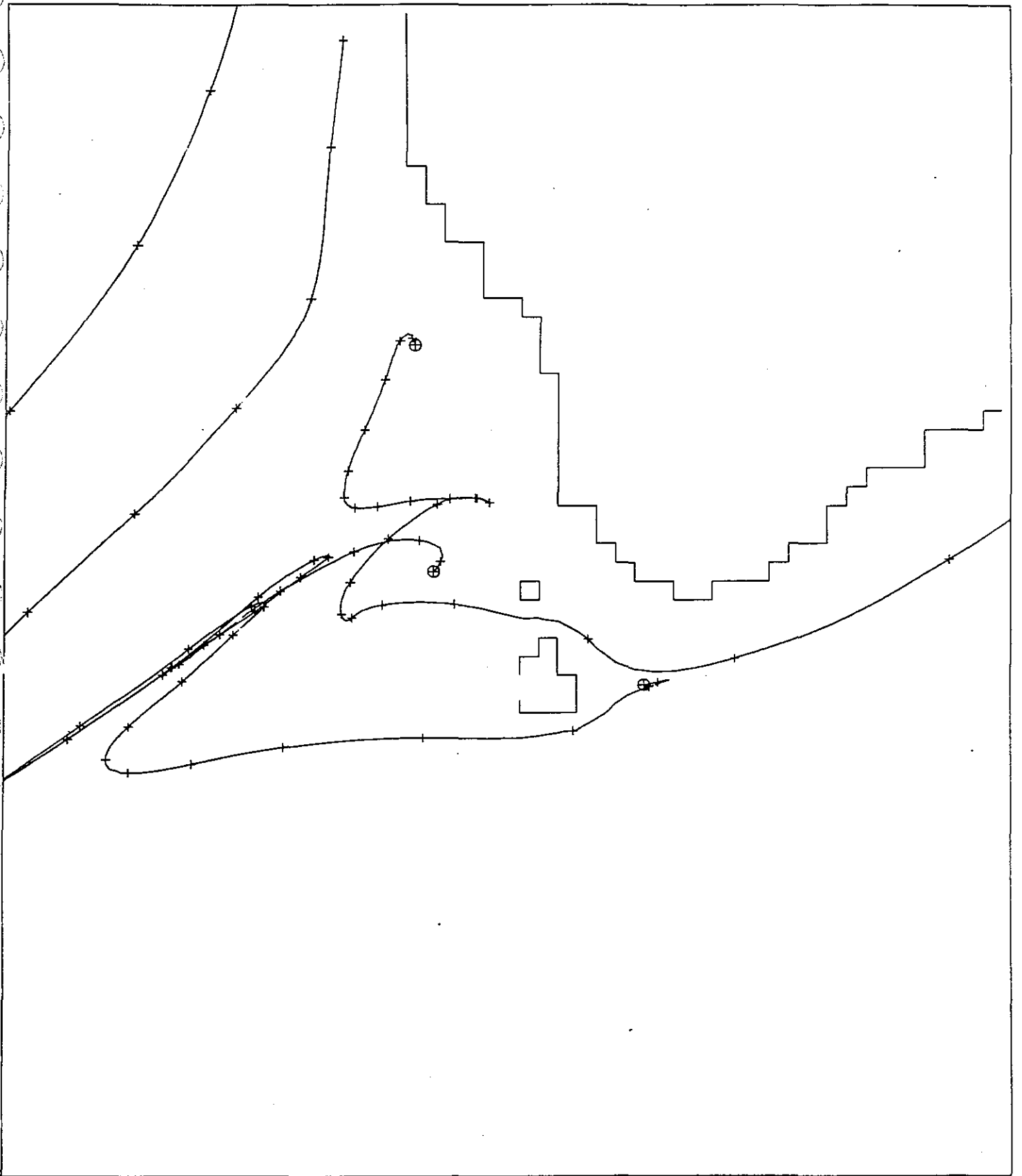


Fig 5d Green Island Reclamation - Case 1
Dry season Spring tide - Released at LLW

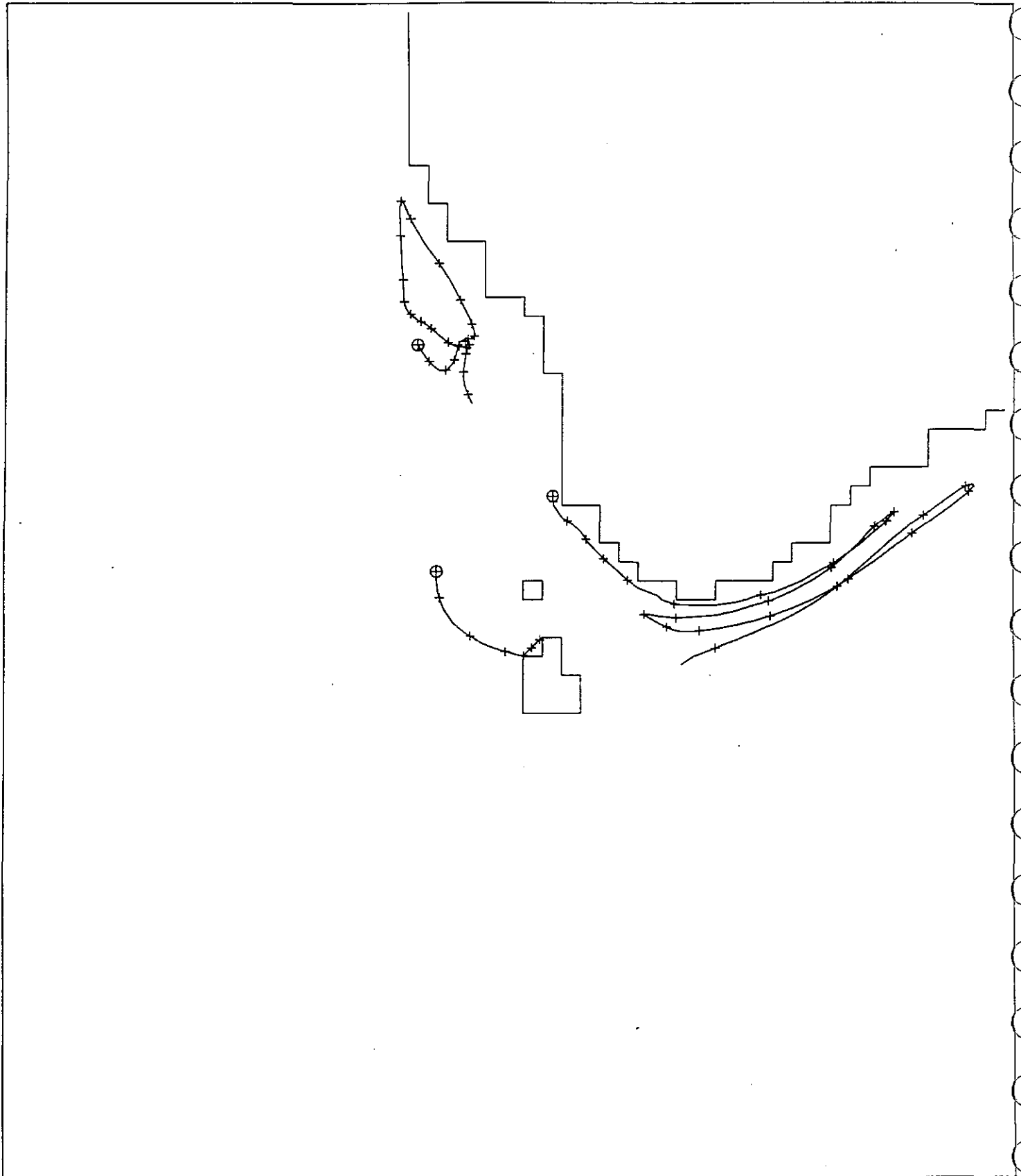


Fig 5e Green Island Reclamation - Case 1
Wet season Neap tide - Released at HHW

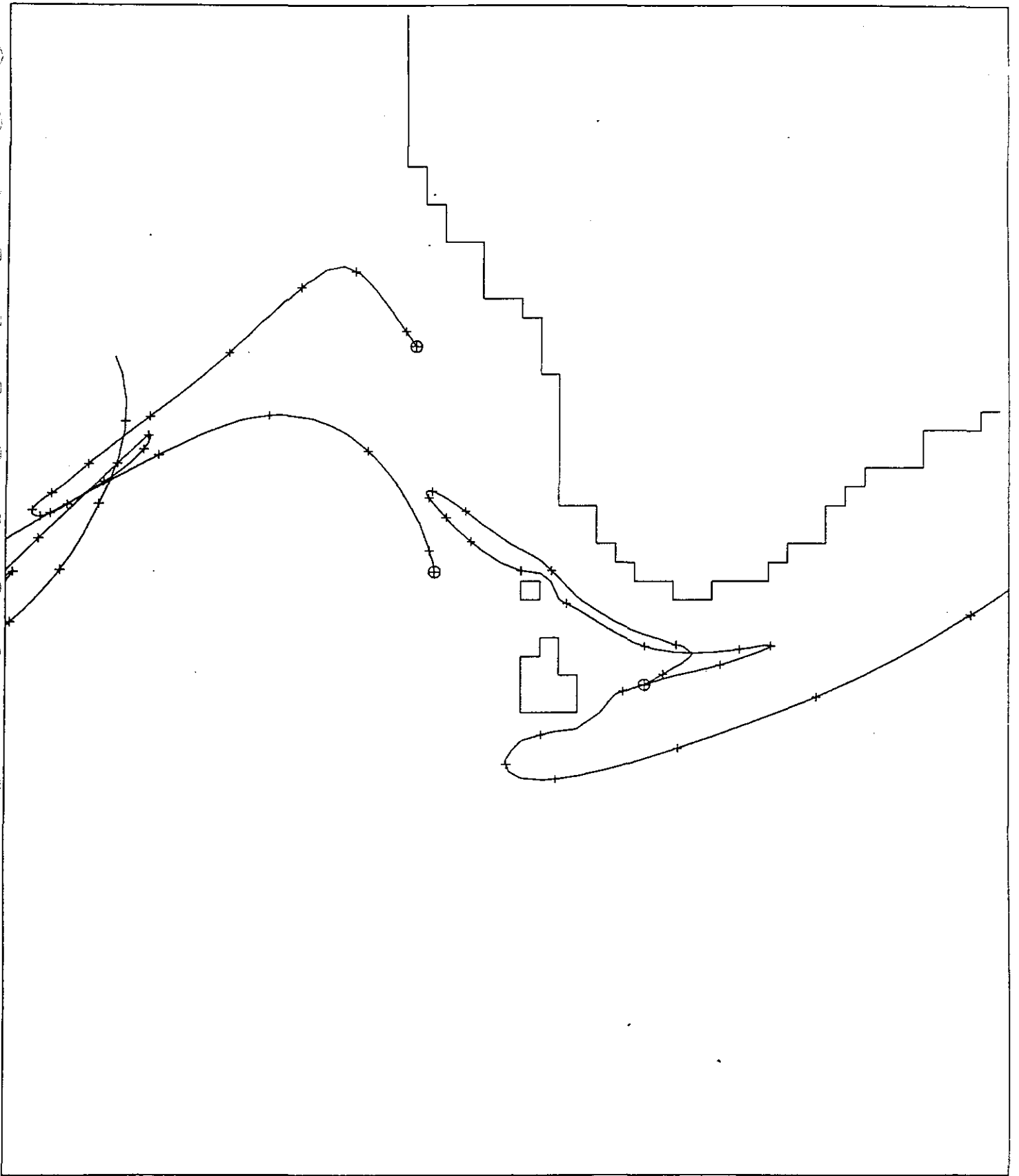


Fig 5f Green Island Reclamation - Case 1
Wet season Neap tide - Released at LLW

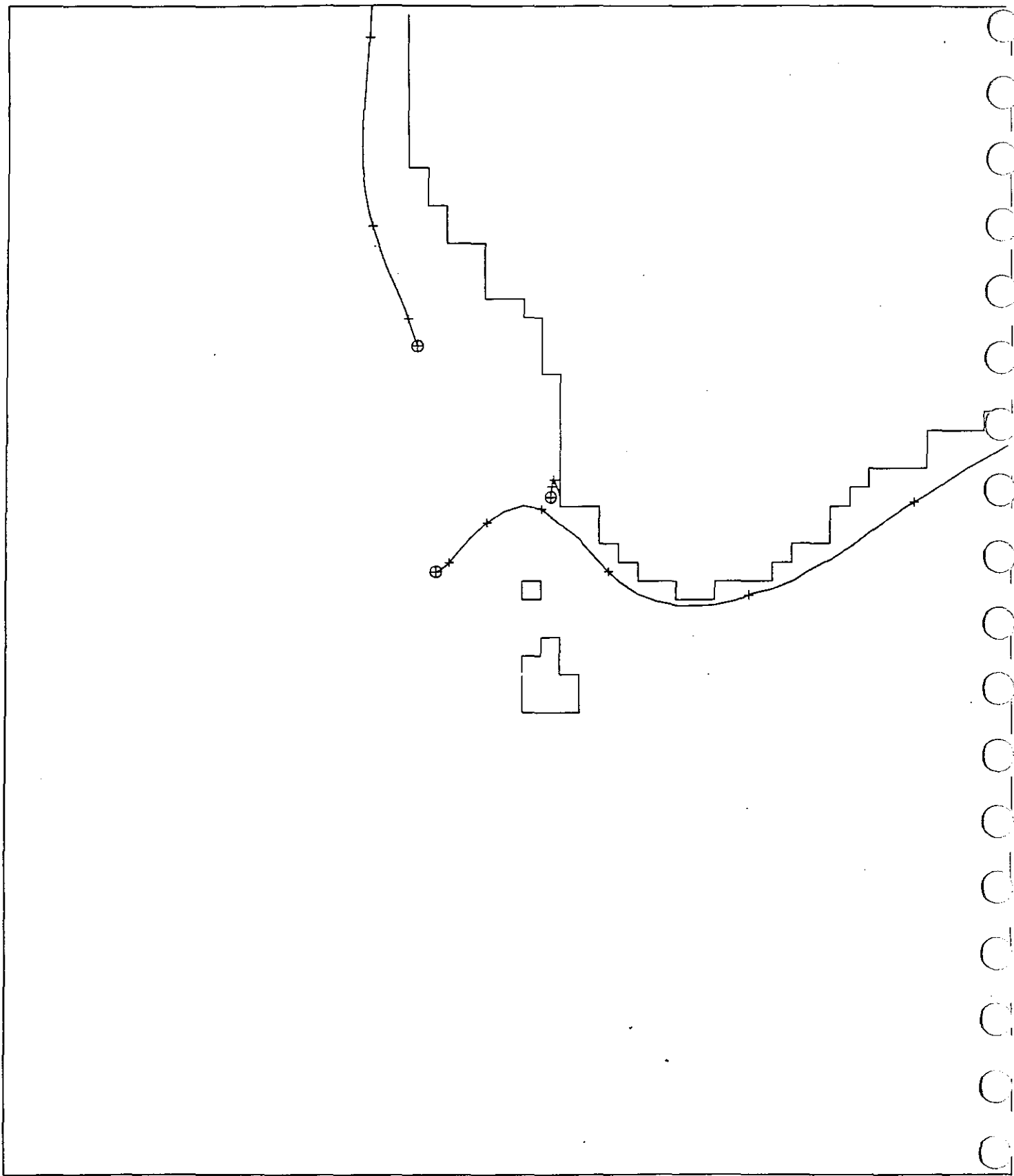


Fig 5g Green Island Reclamation - Case 1
 Wet season Spring tide - Released at HHW

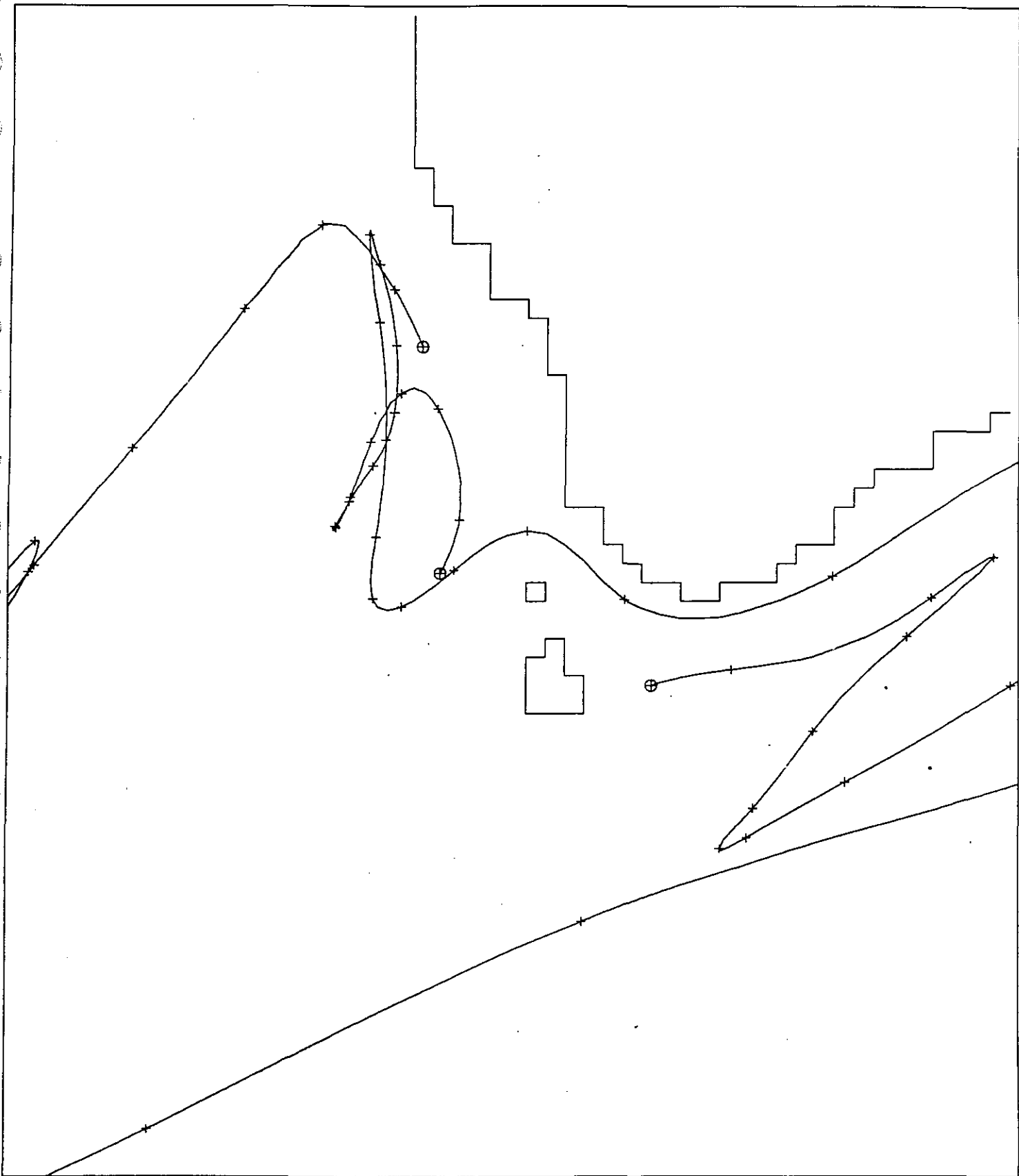


Fig 5h Green Island Reclamation - Case 1
 Wet season Spring tide - Released at LLW

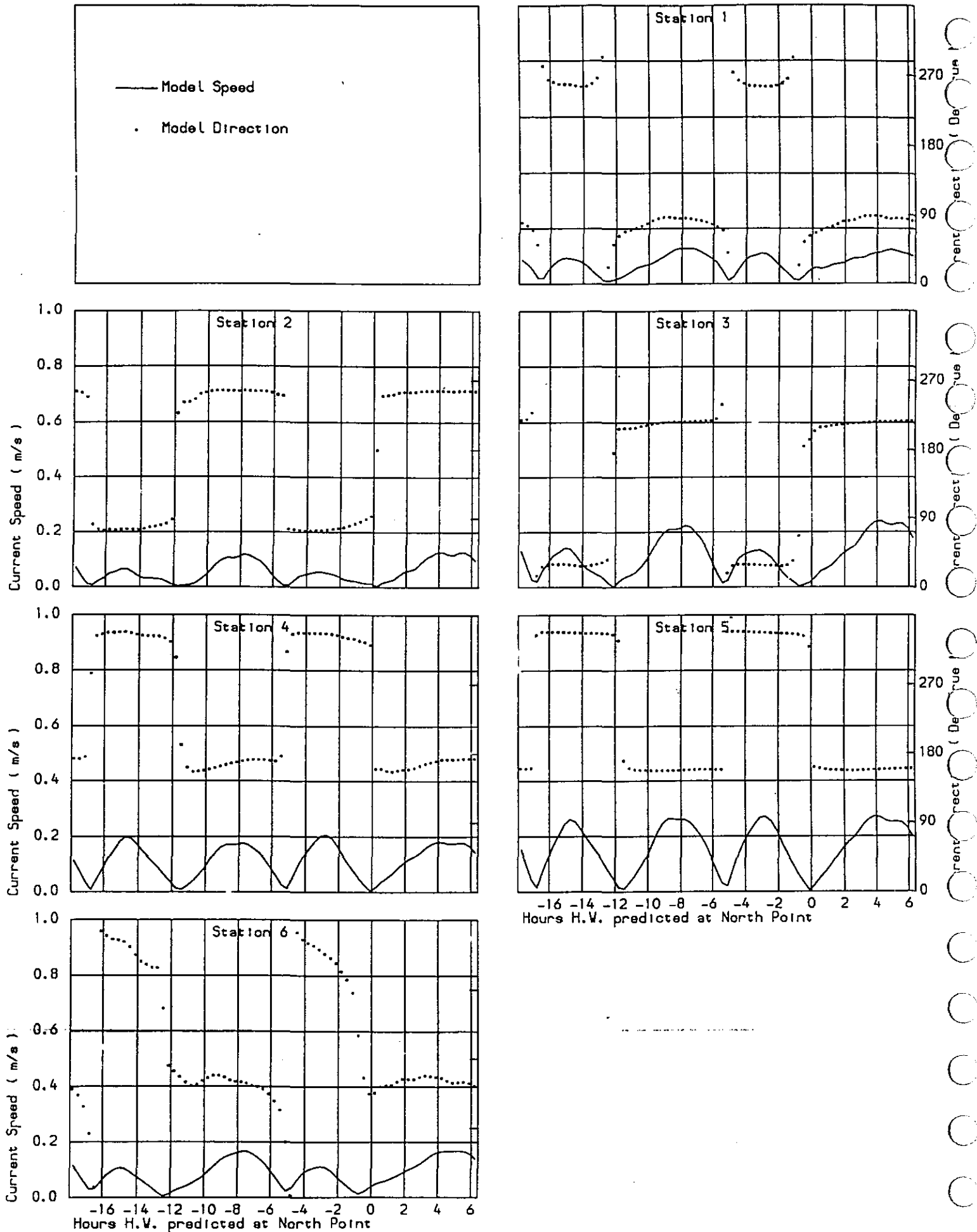


Fig 6a Green Island Reclamation - Case 2
 Dry season Neap tide - Upper layer

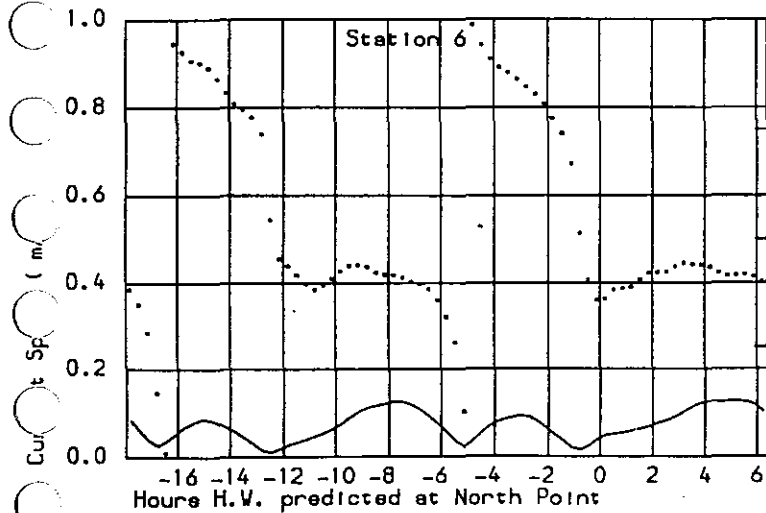
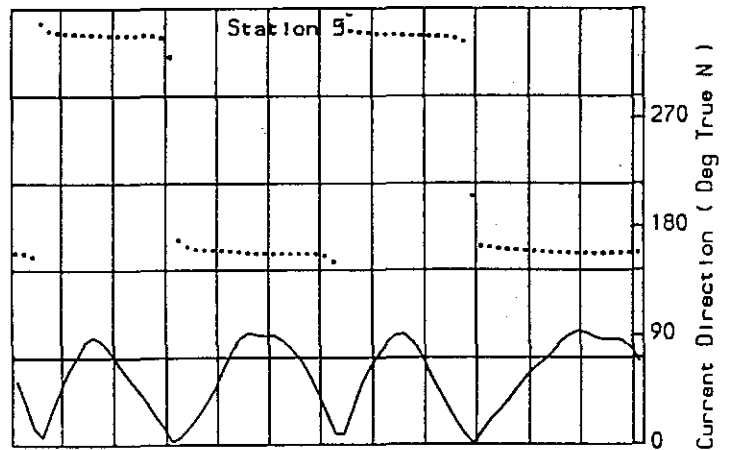
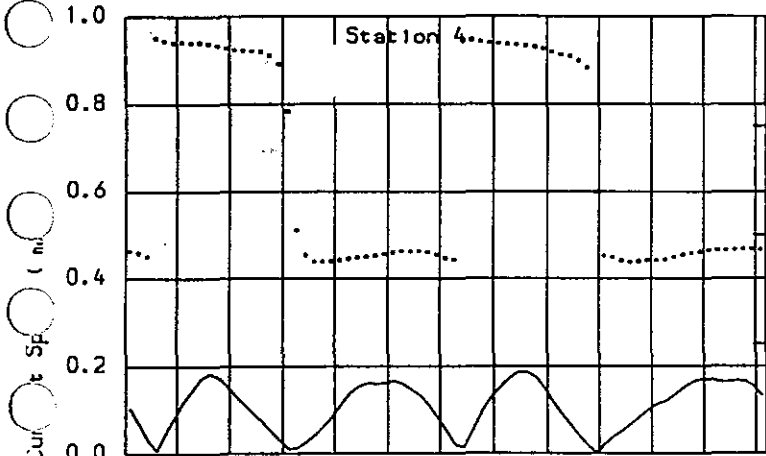
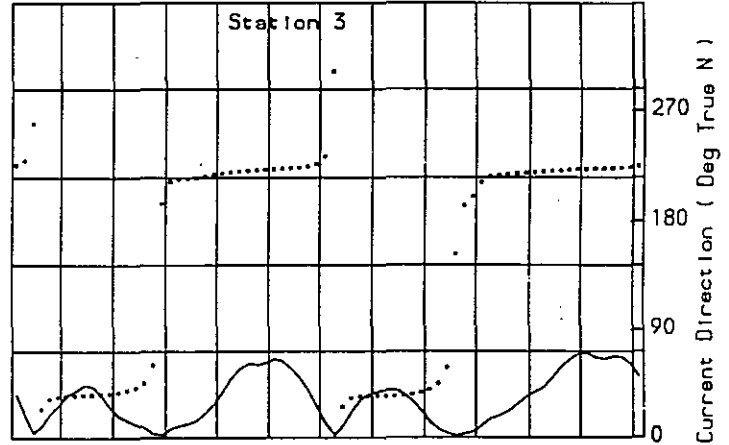
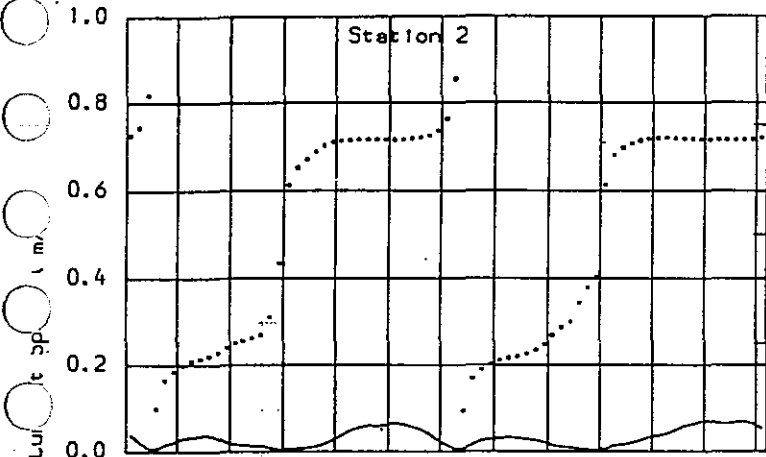
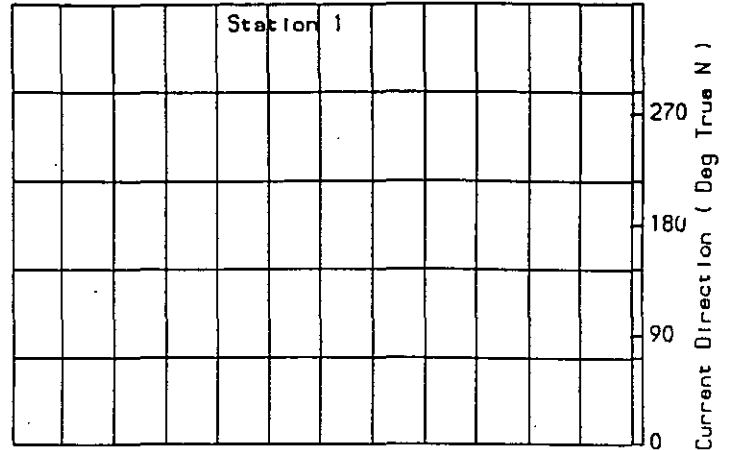
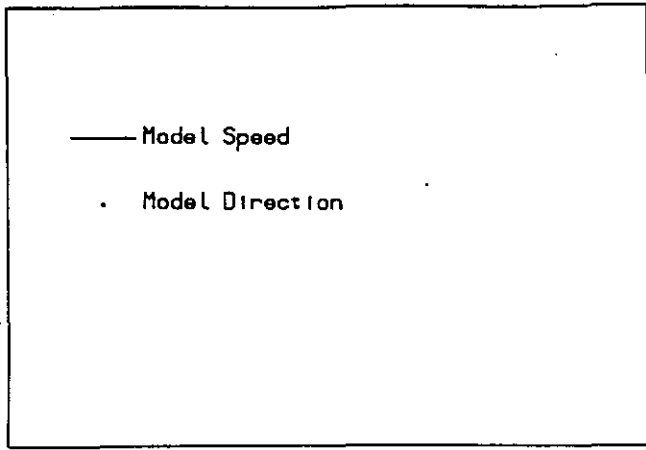


Fig 6b Green Island Reclamation - Case 2
 Dry season Neap tide - Lower layer

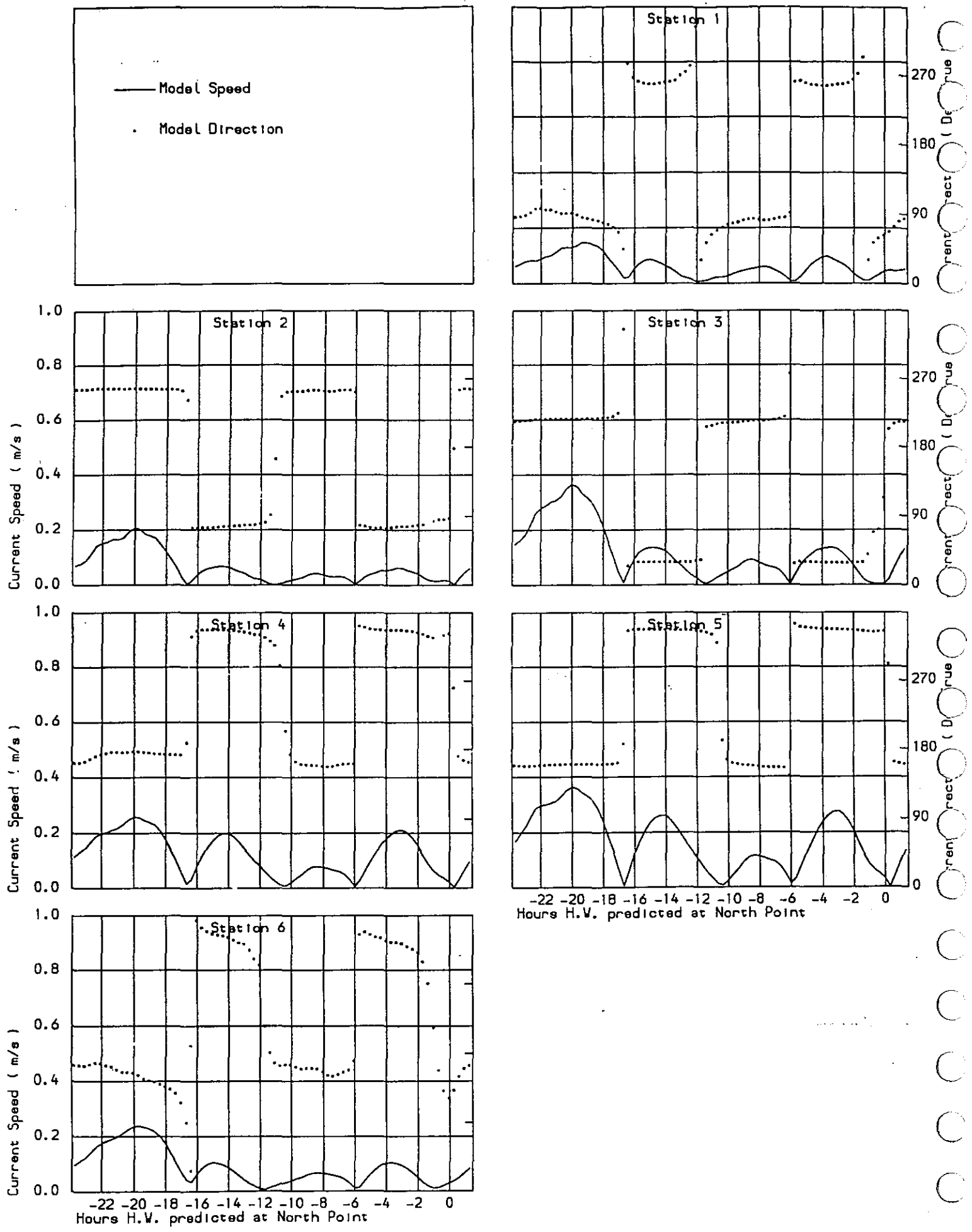
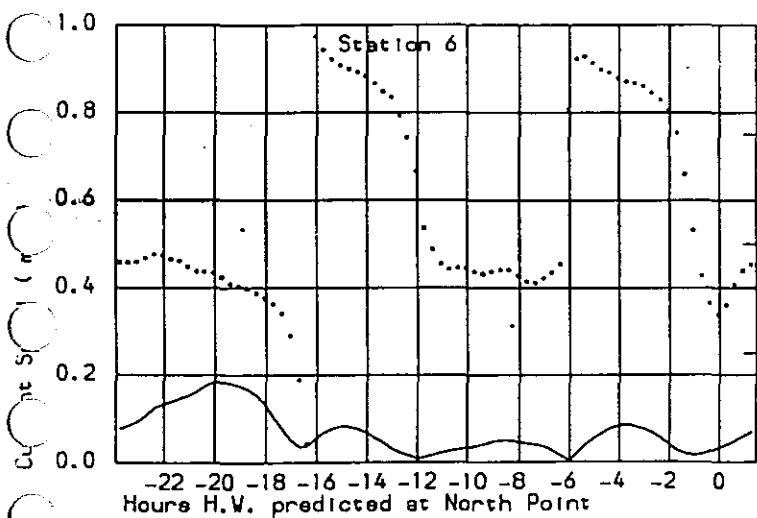
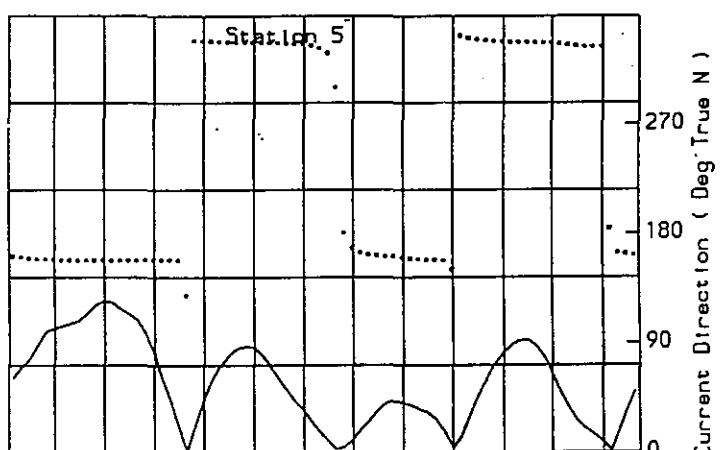
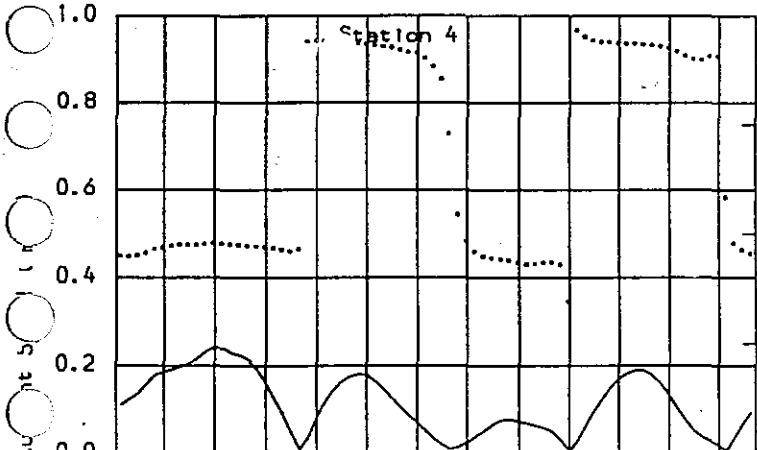
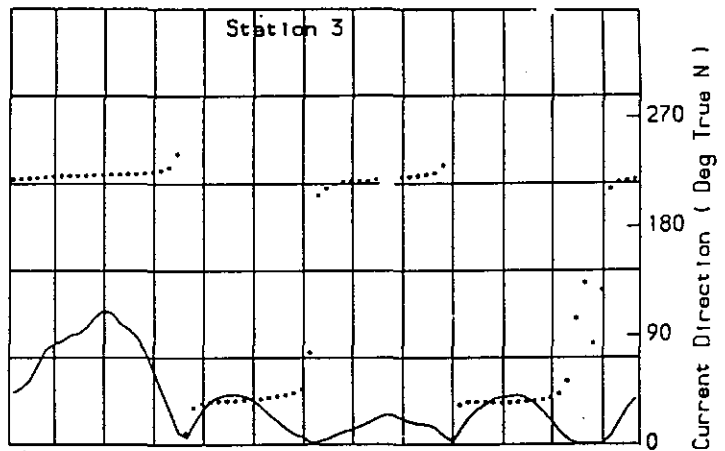
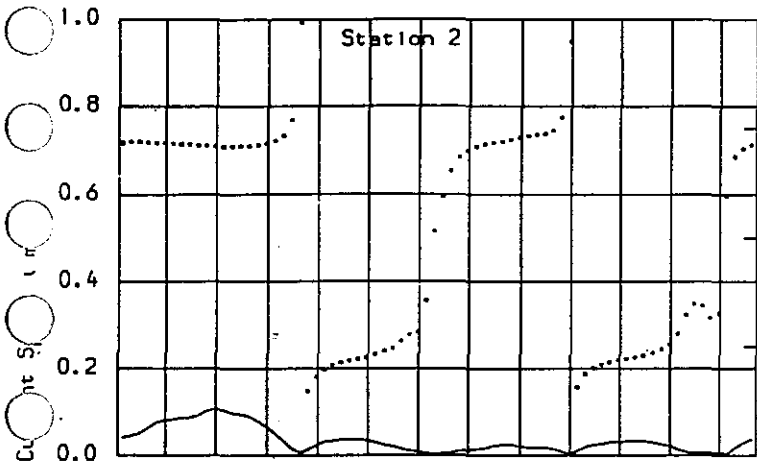
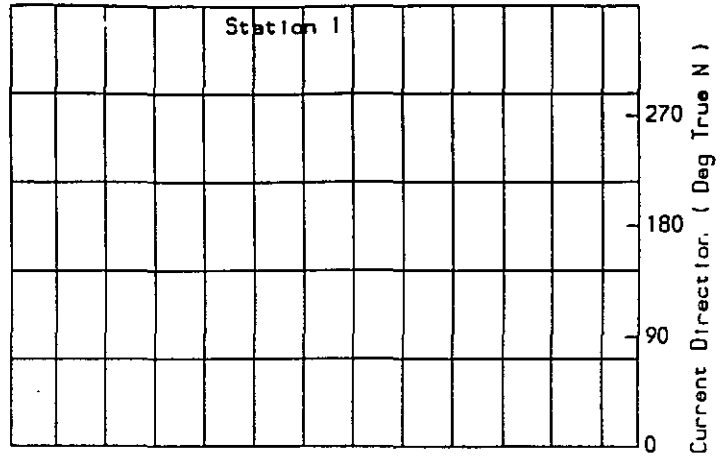
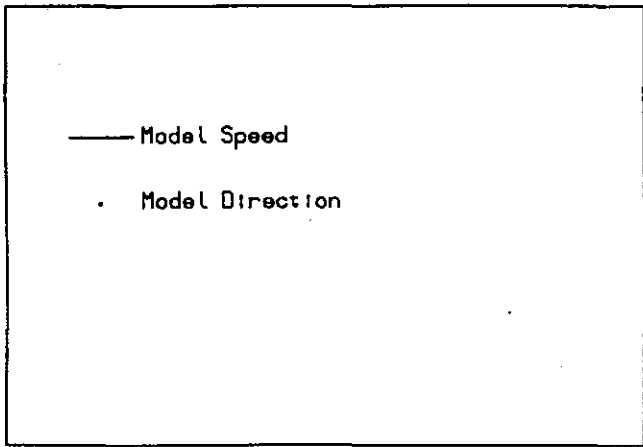


Fig 6c Green Island Reclamation - Case 2
 Dry season Spring tide - Upper layer



Hours H.W. predicted at North Point

-22 -20 -18 -16 -14 -12 -10 -8 -6 -4 -2 0

Fig 6d Green Island Reclamation - Case 2
 Dry season Spring tide - Lower layer

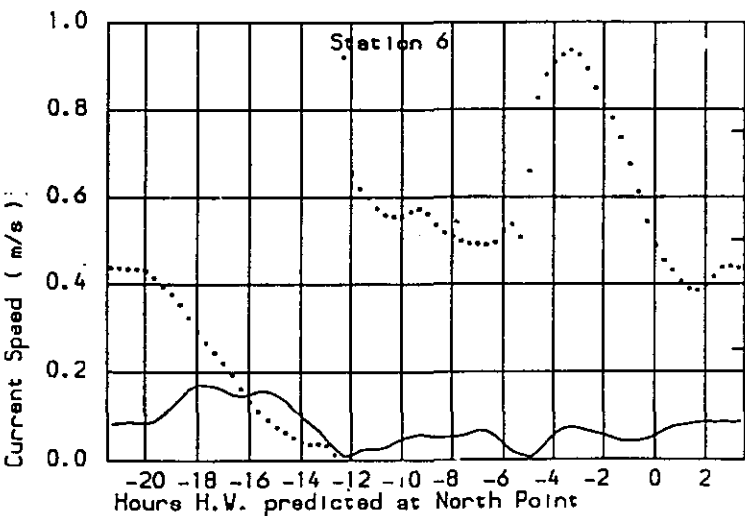
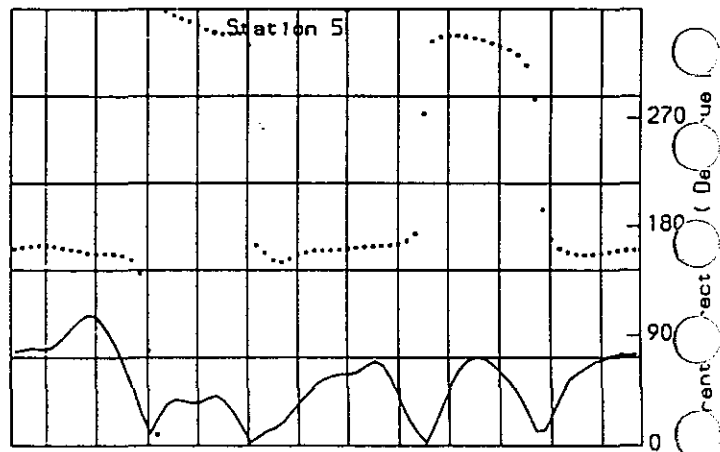
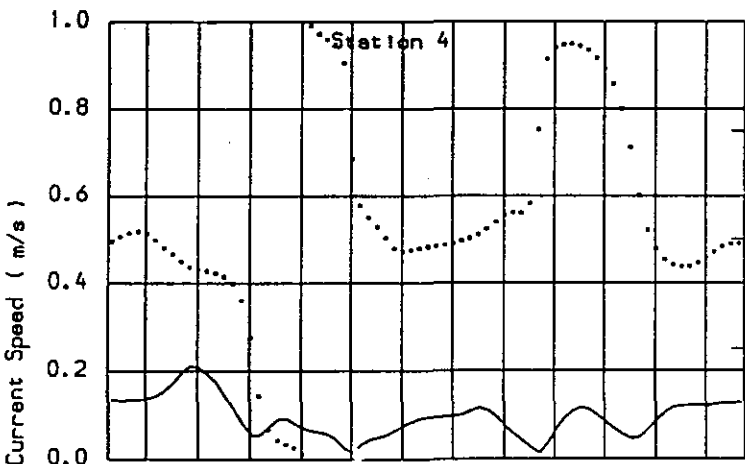
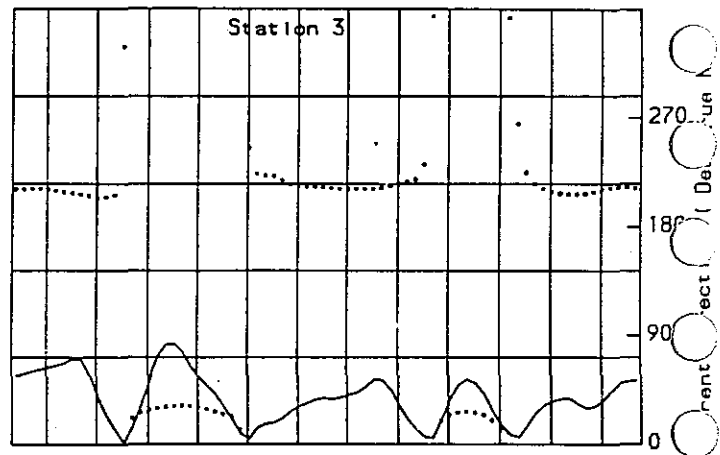
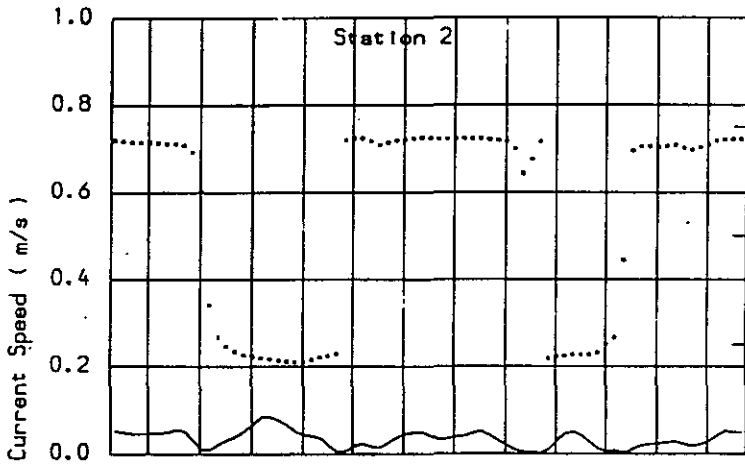
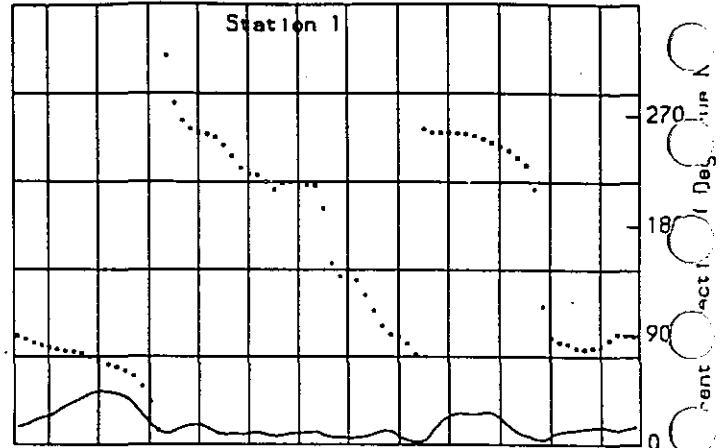
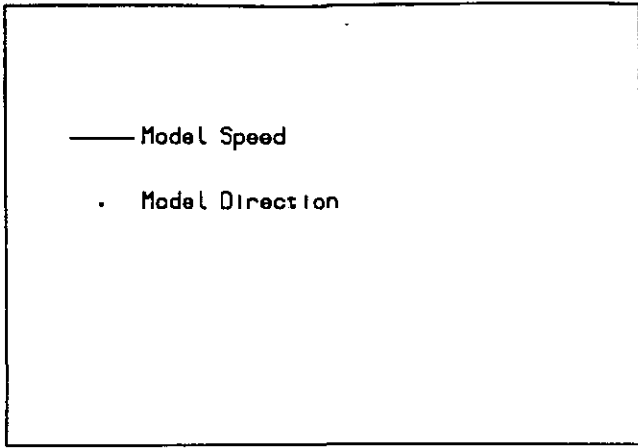
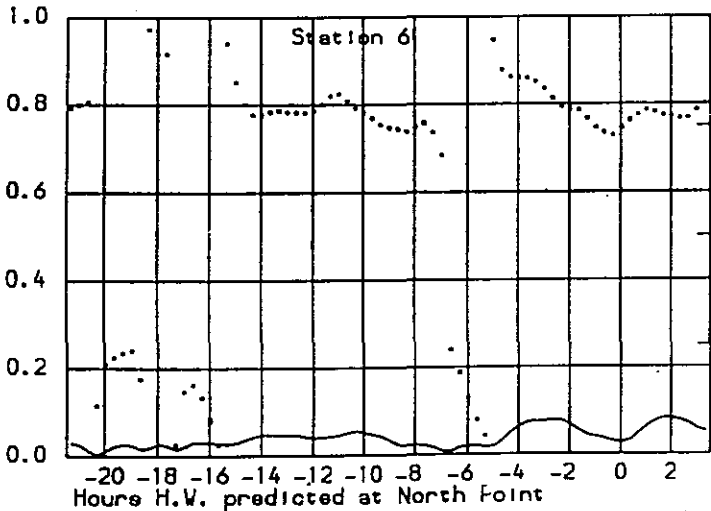
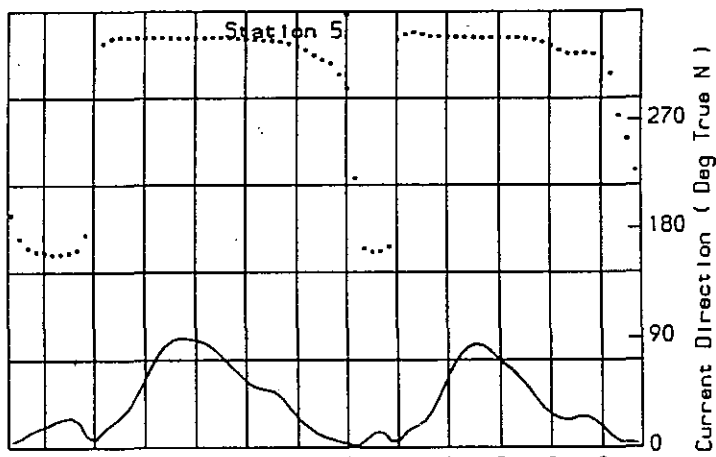
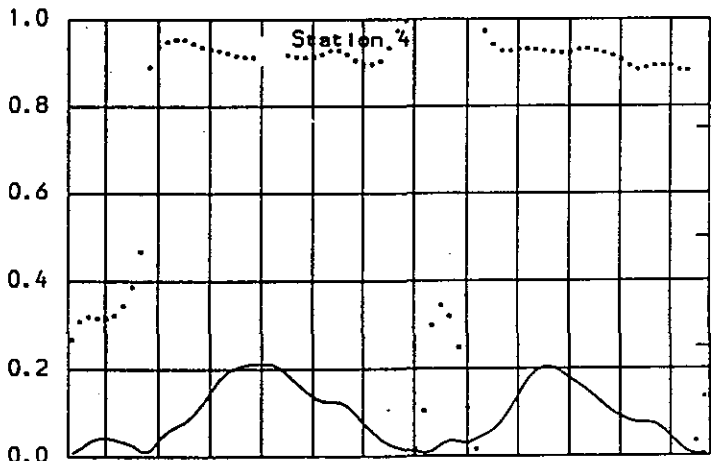
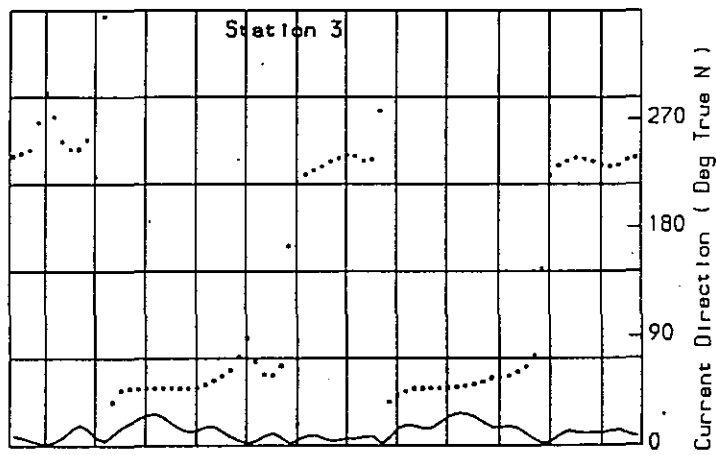
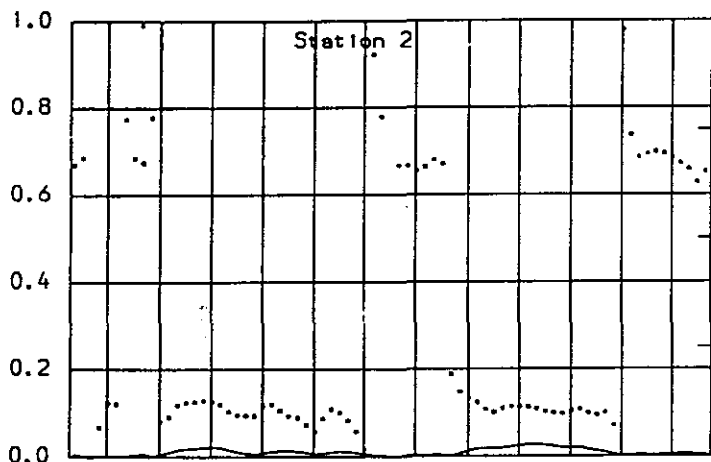
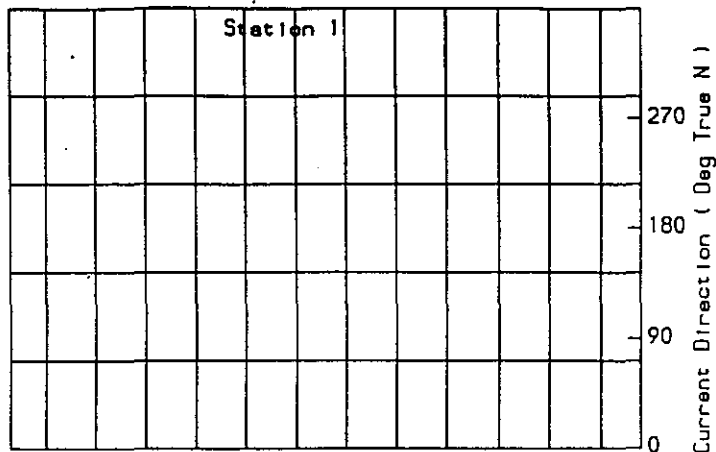
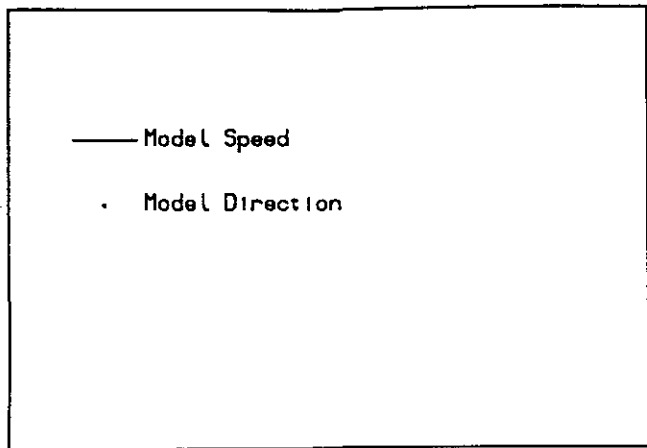


Fig 6e Green Island Reclamation - Case 2
 Wet season Neap tide - Upper layer



Hours H.W. predicted at North Point

Fig 6f Green Island Reclamation - Case 2
 Wet season Mean tide - Lower layer

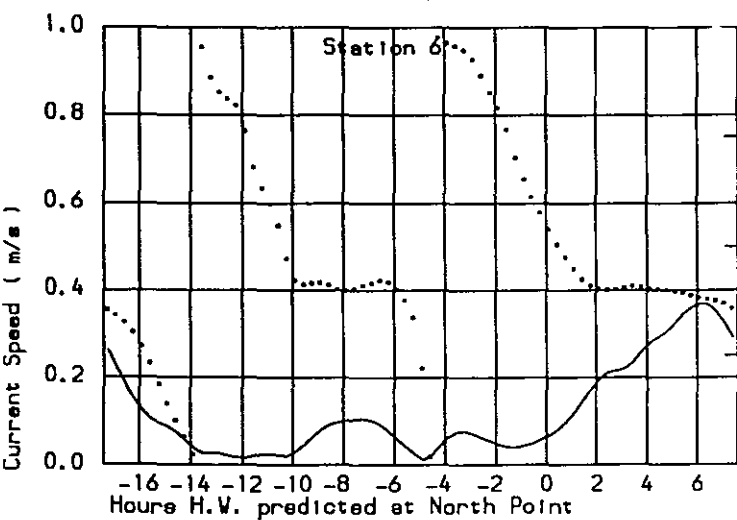
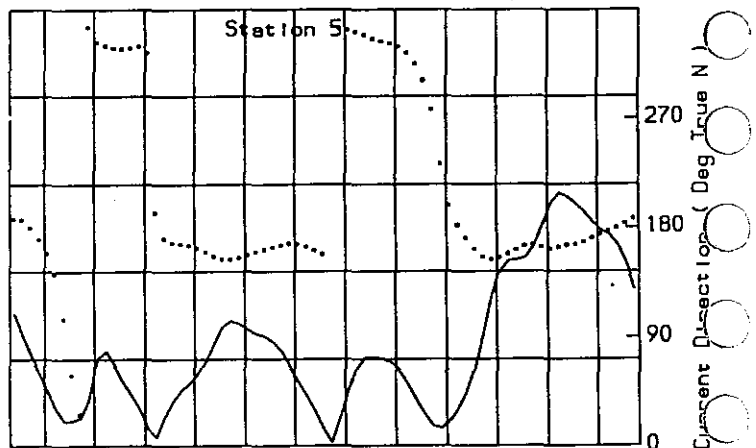
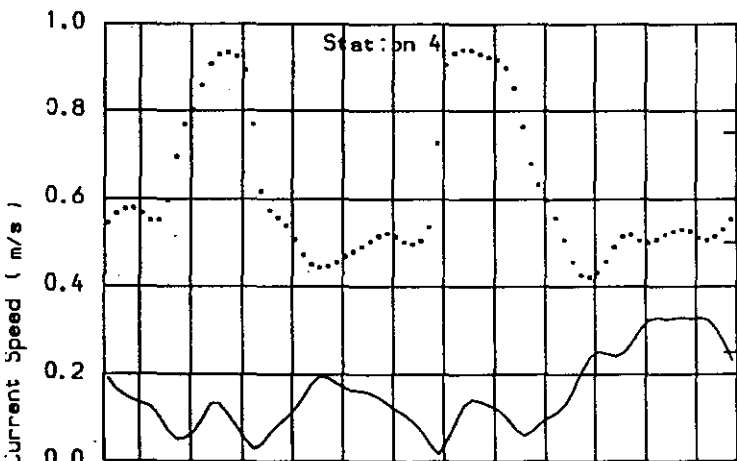
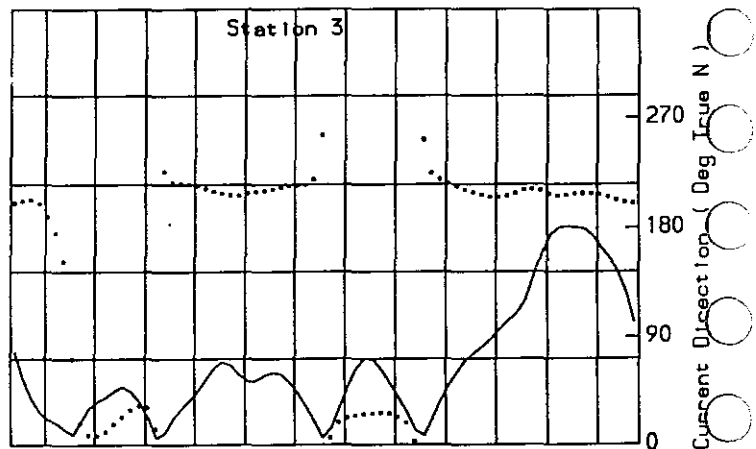
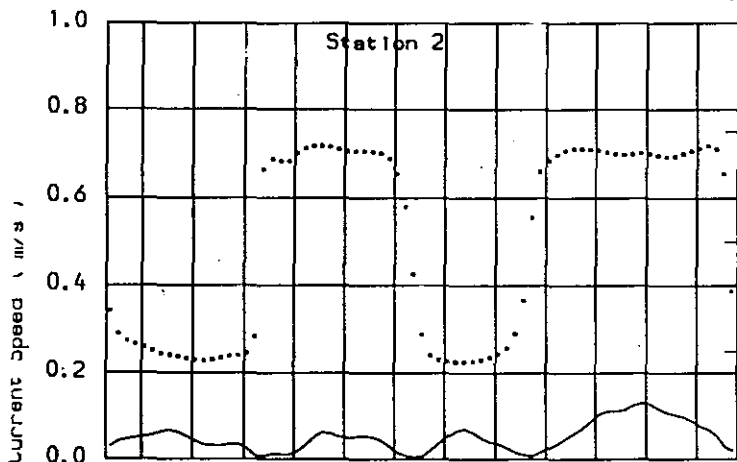
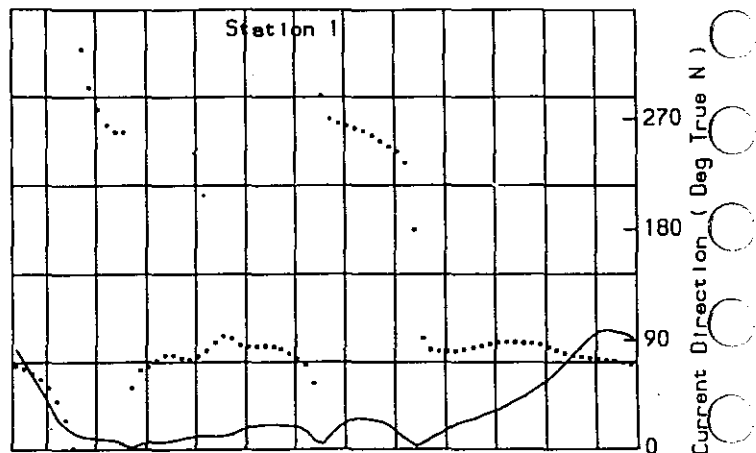
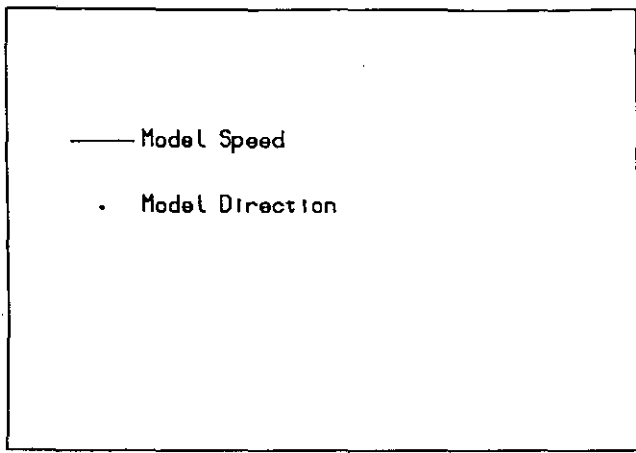


Fig 6g Green Island Reclamation - Case 2
 Wet season Spring tide - Upper layer

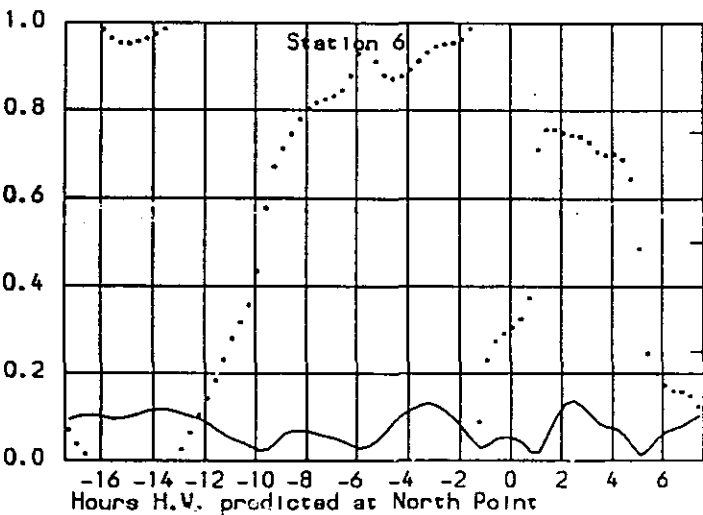
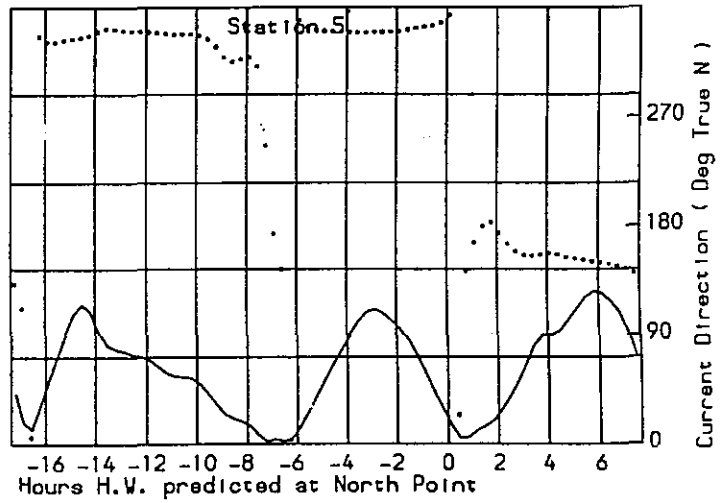
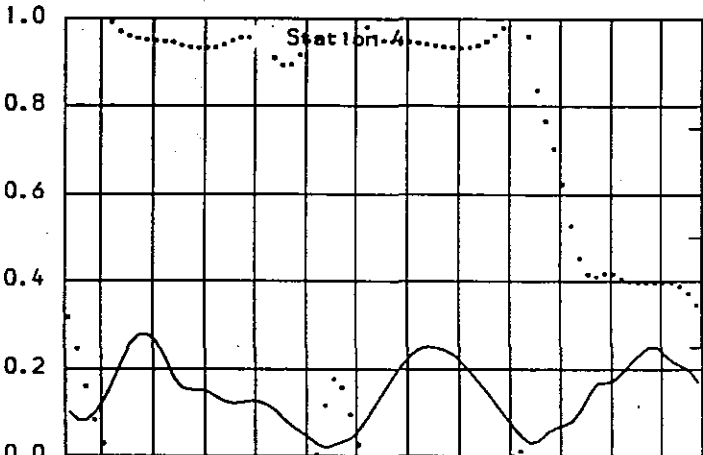
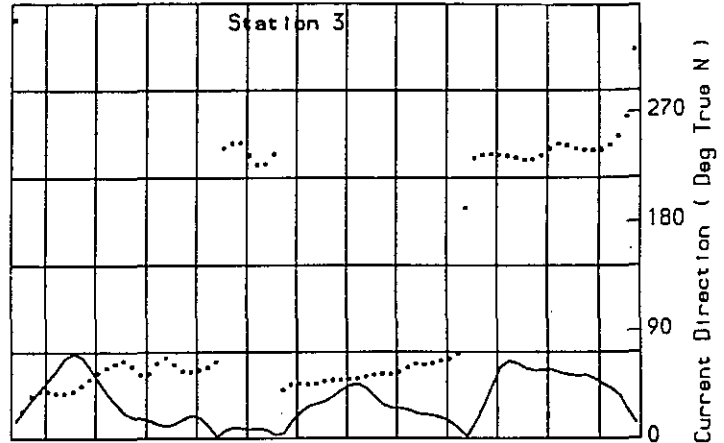
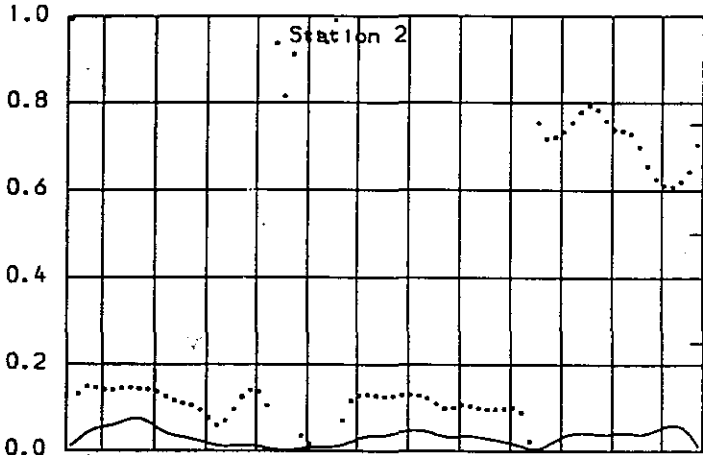
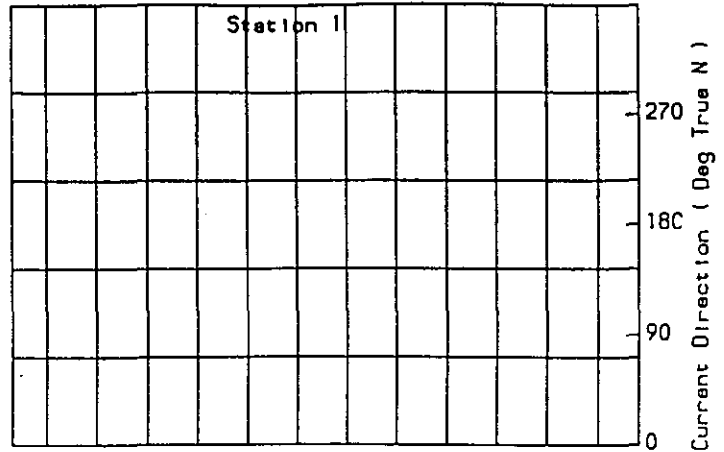
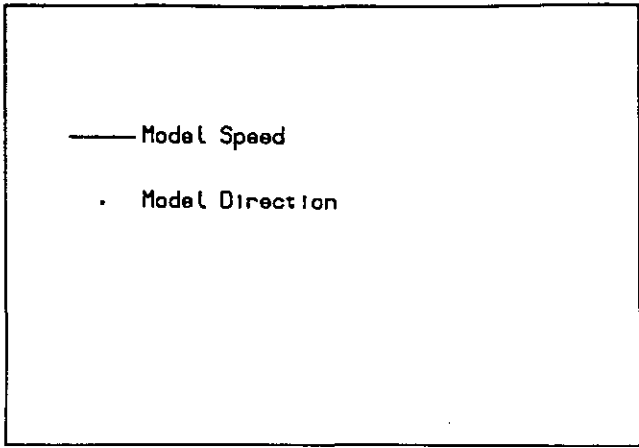


Fig 6h Green Island Reclamation - Case 2
 Wet season Spring tide - Lower layer

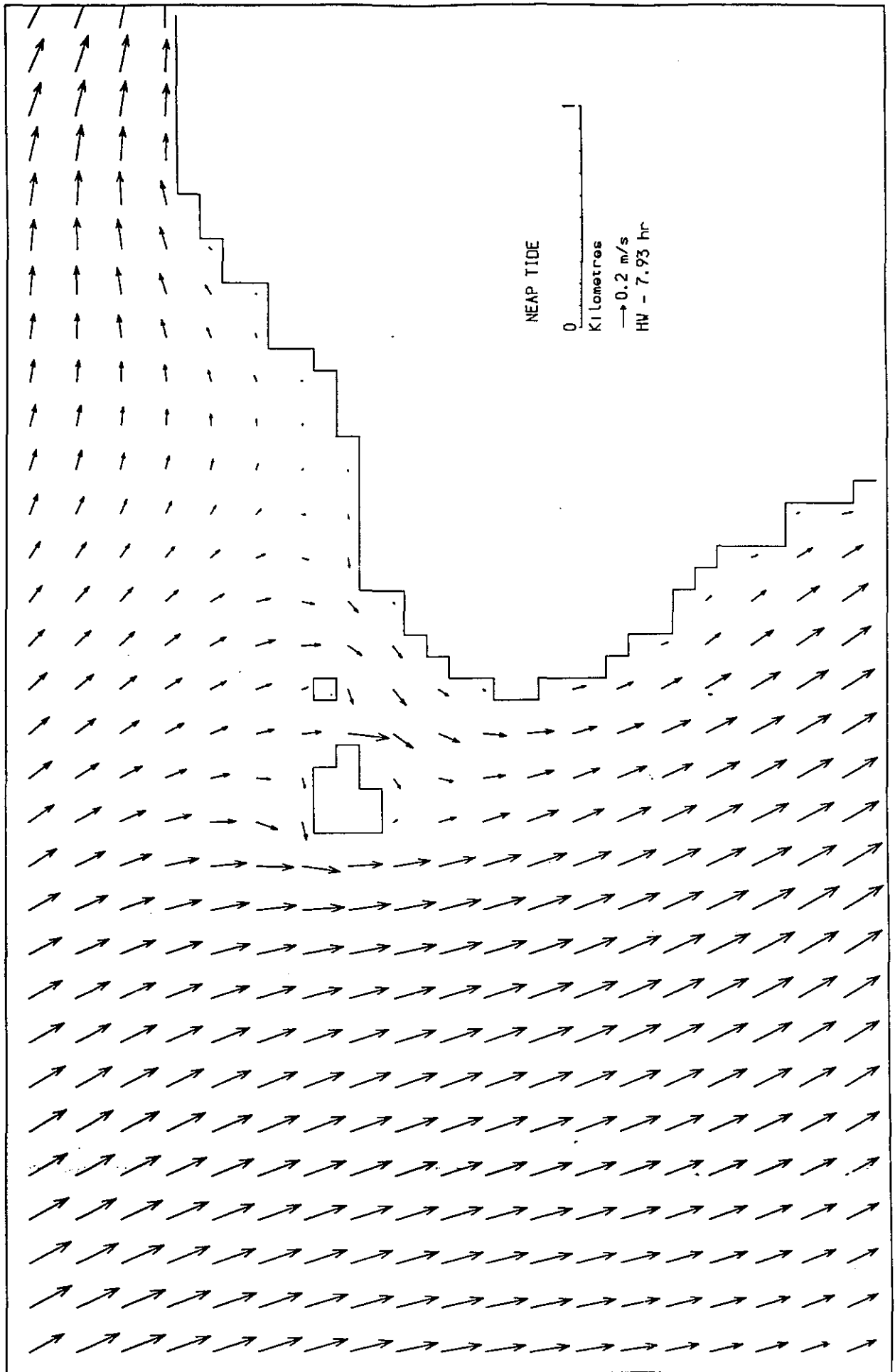


Fig 7a Green Island Reclamation - Case 2
Dry season Neap Ebb - Upper layer

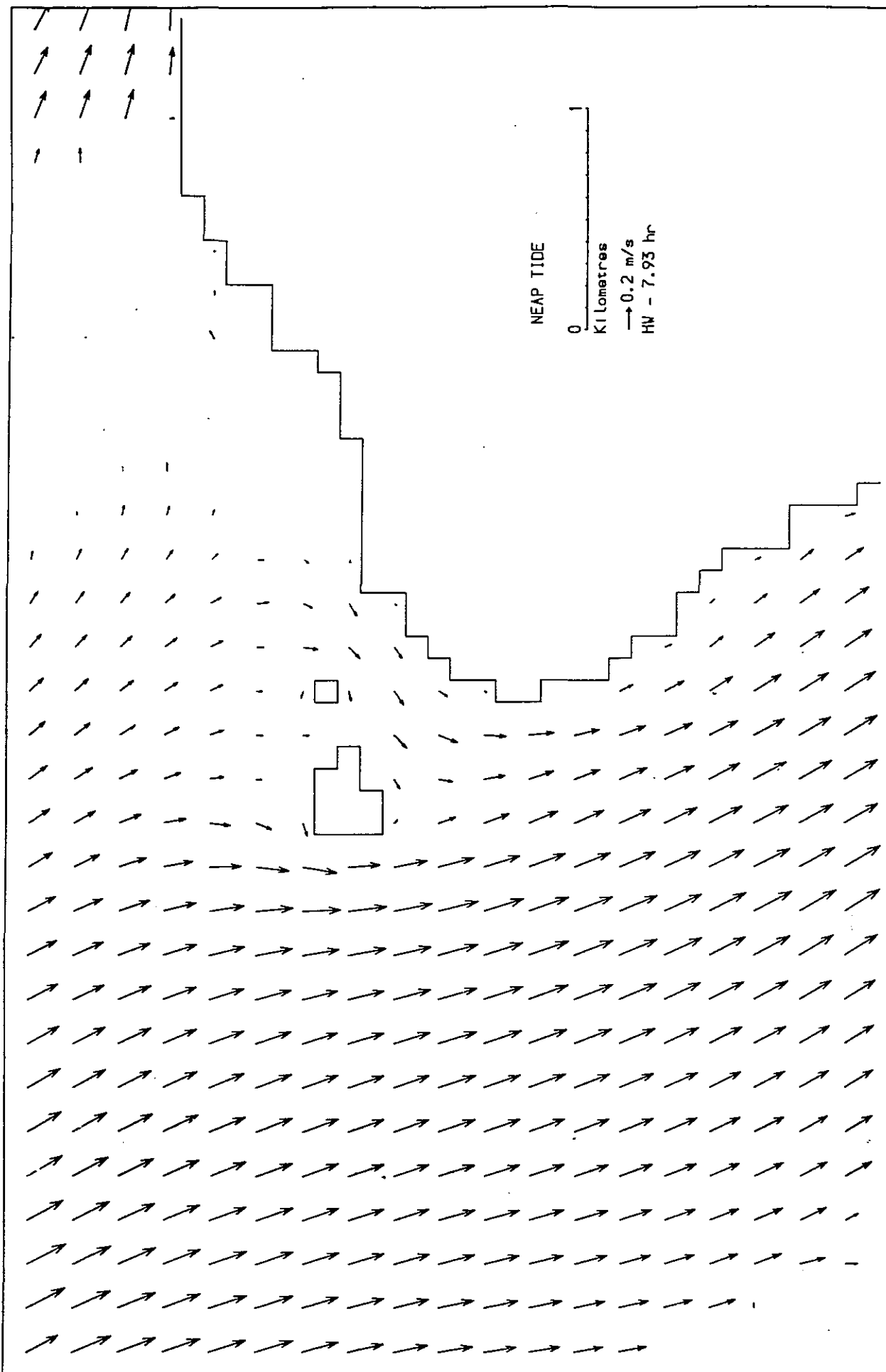


Fig 7b Green Island Reclamation - Case 2
Dry season Neap Ebb - Lower layer

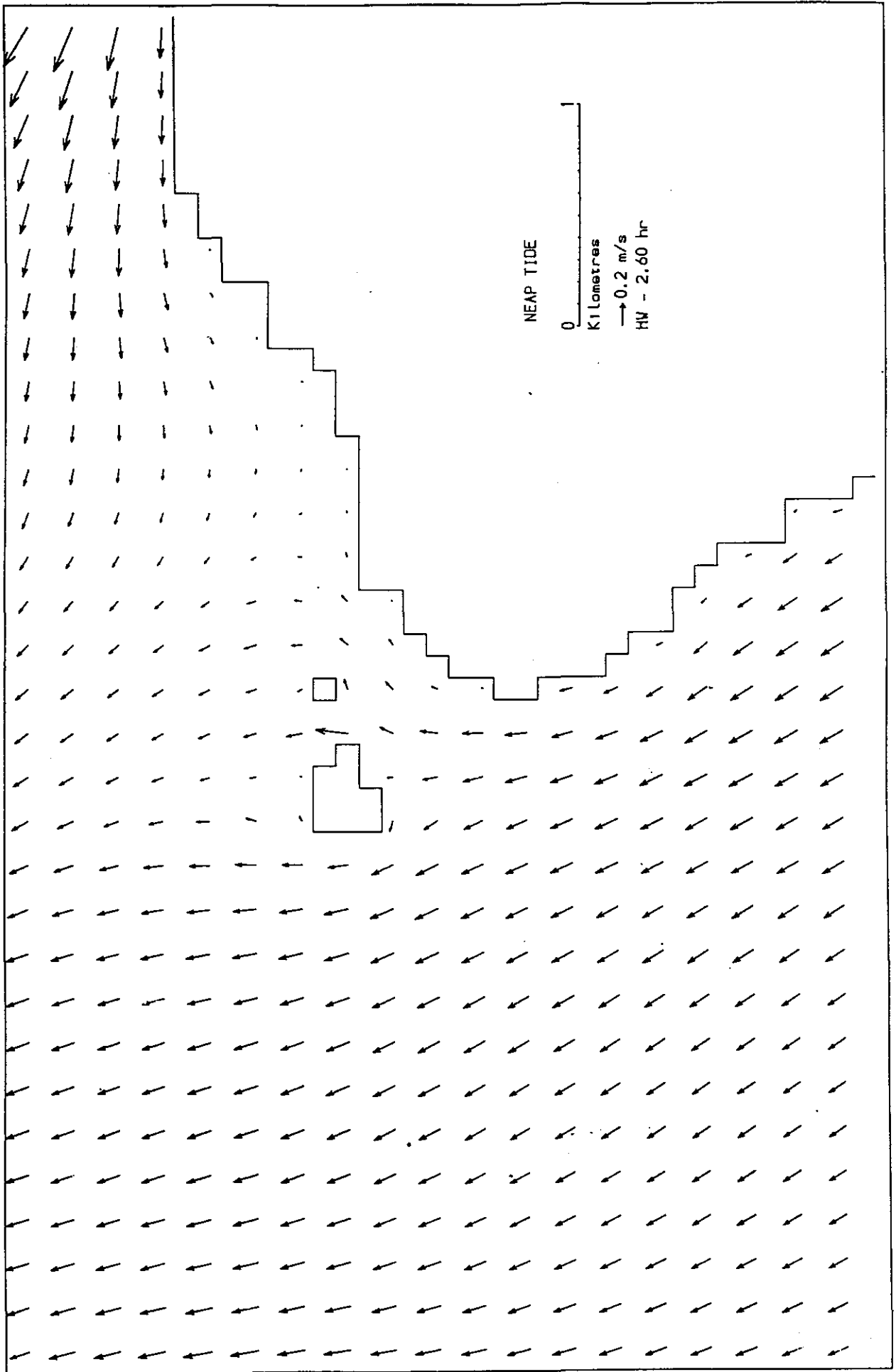


Fig 7c Green Island Reclamation - Case 2
 Dry season Neap Flood - Upper layer

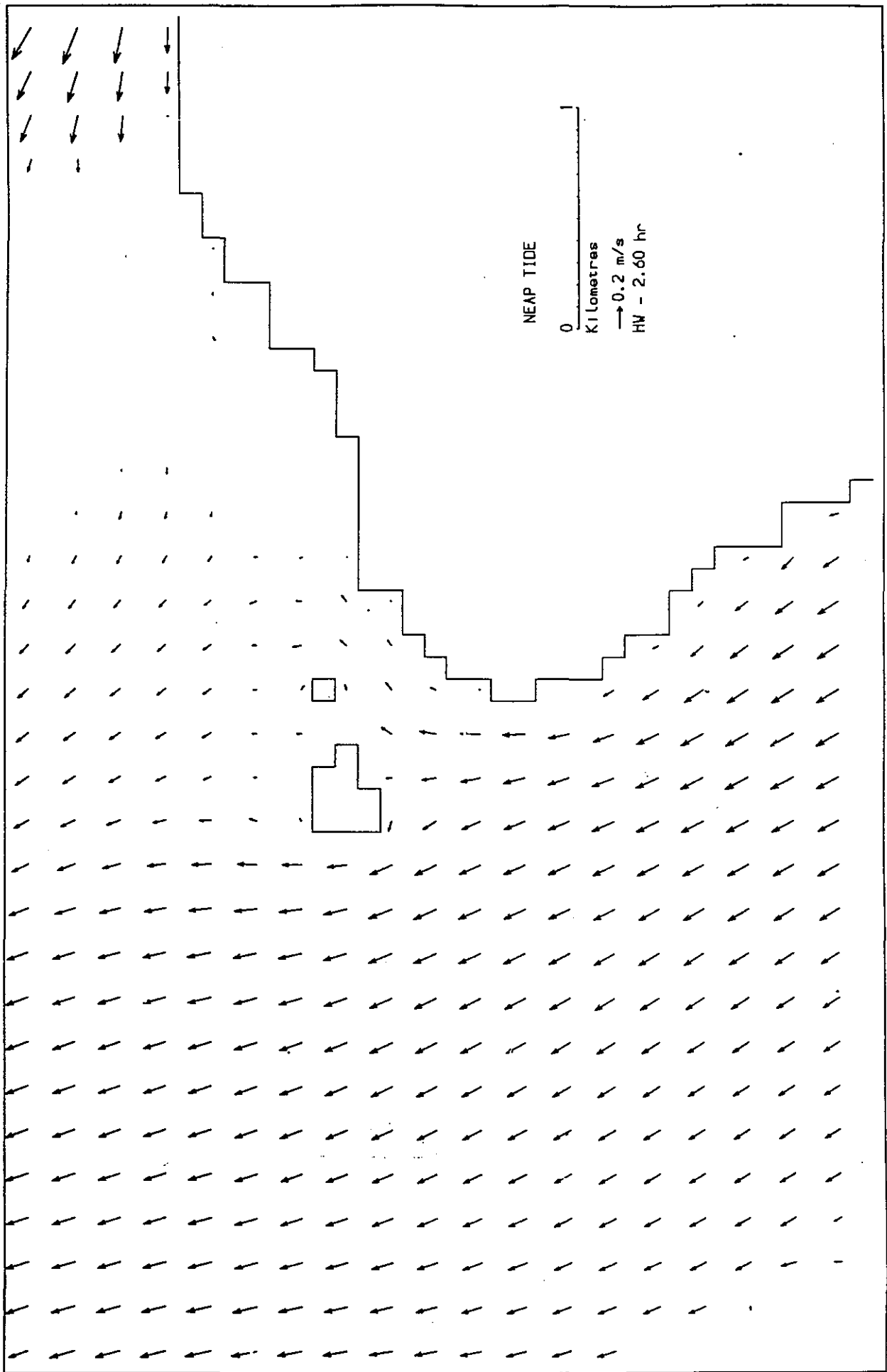


Fig 7d Green Island Reclamation - Case 2
 Dry season Neap Flood - Lower layer

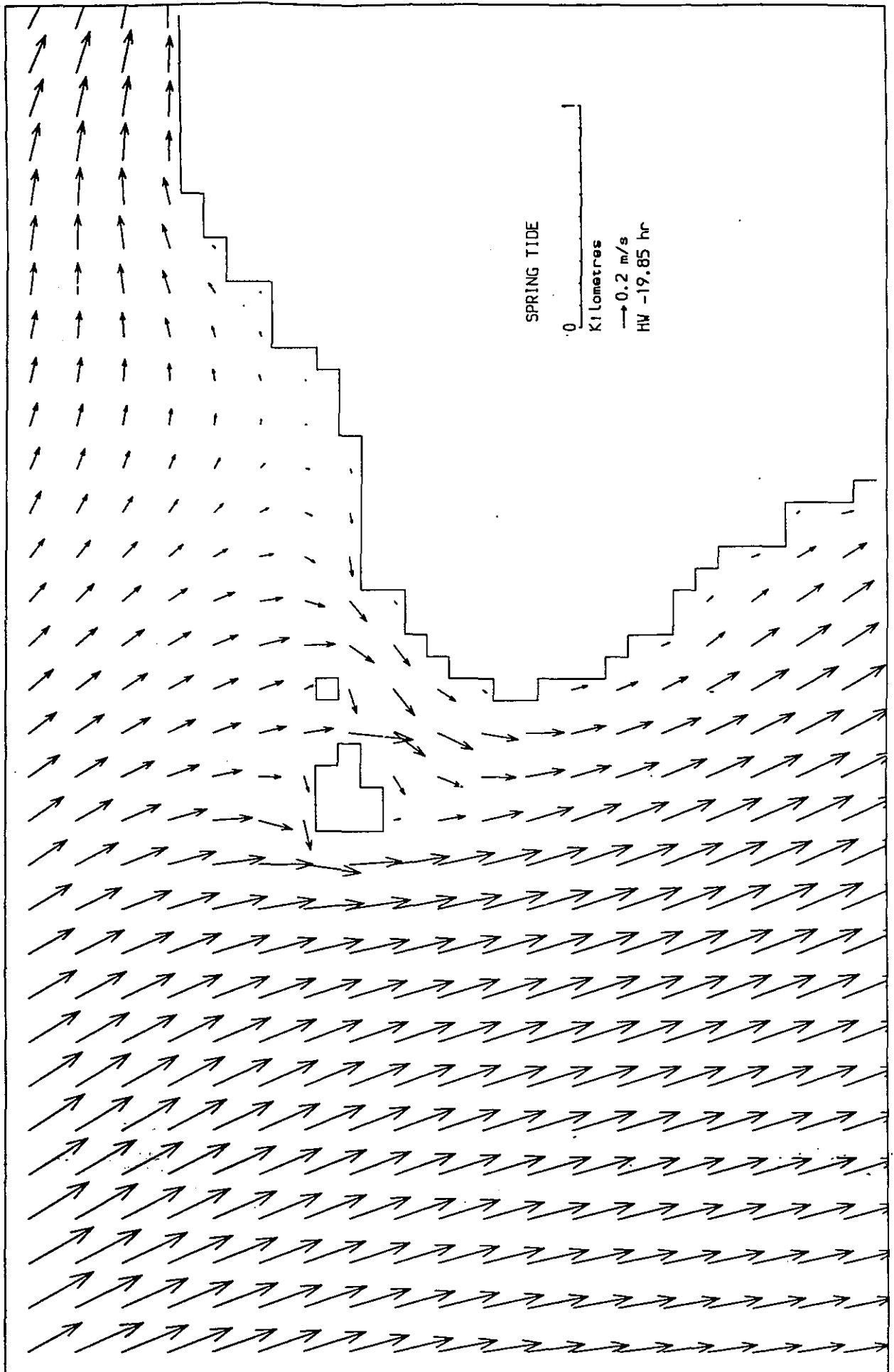


Fig 7e Green Island Reclamation - Case 2
 Dry season Spring Ebb - Upper layer

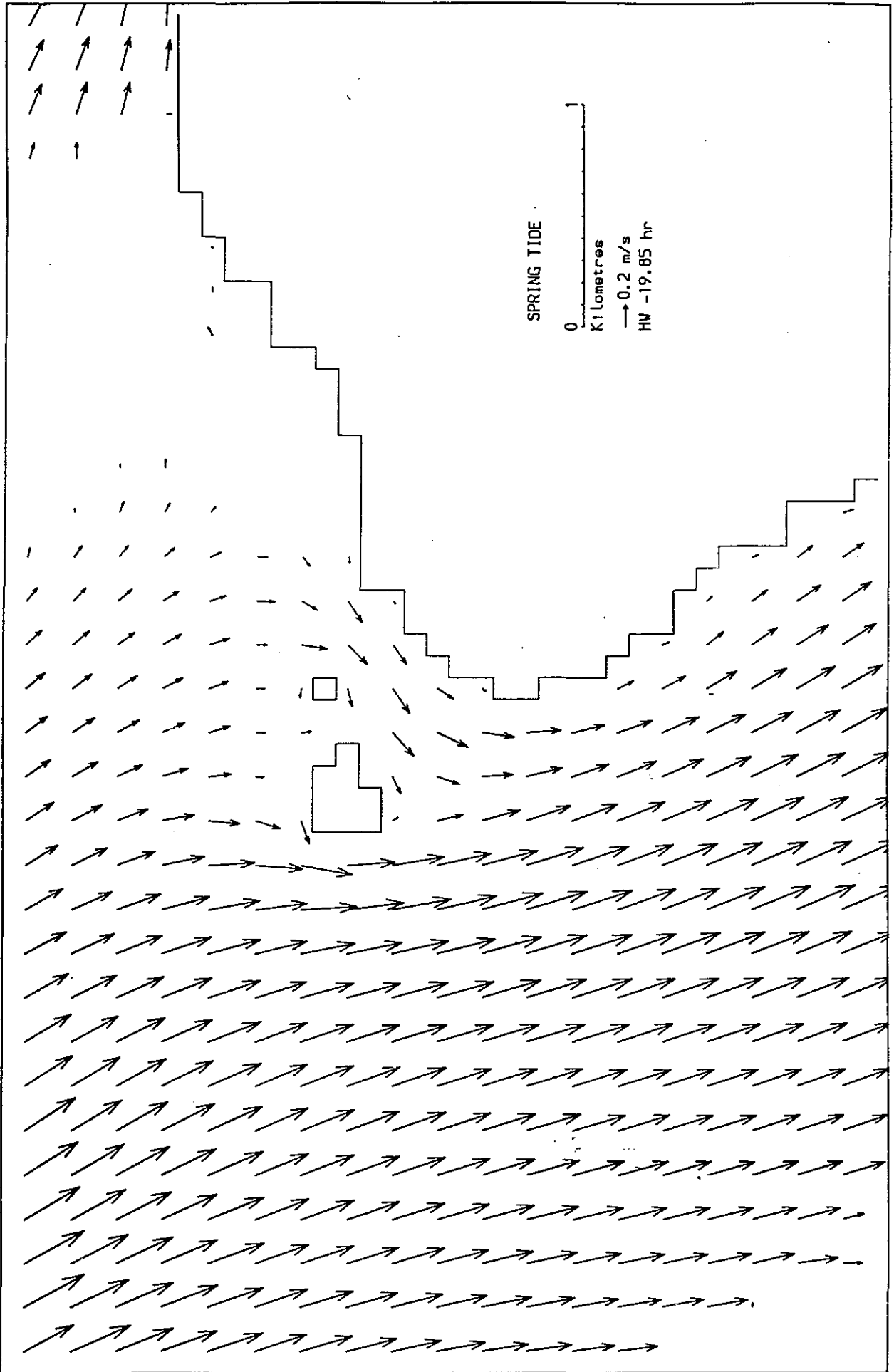


Fig 14 Green Island Reclamation - Case 2
Dry season Spring Ebb - Lower layer

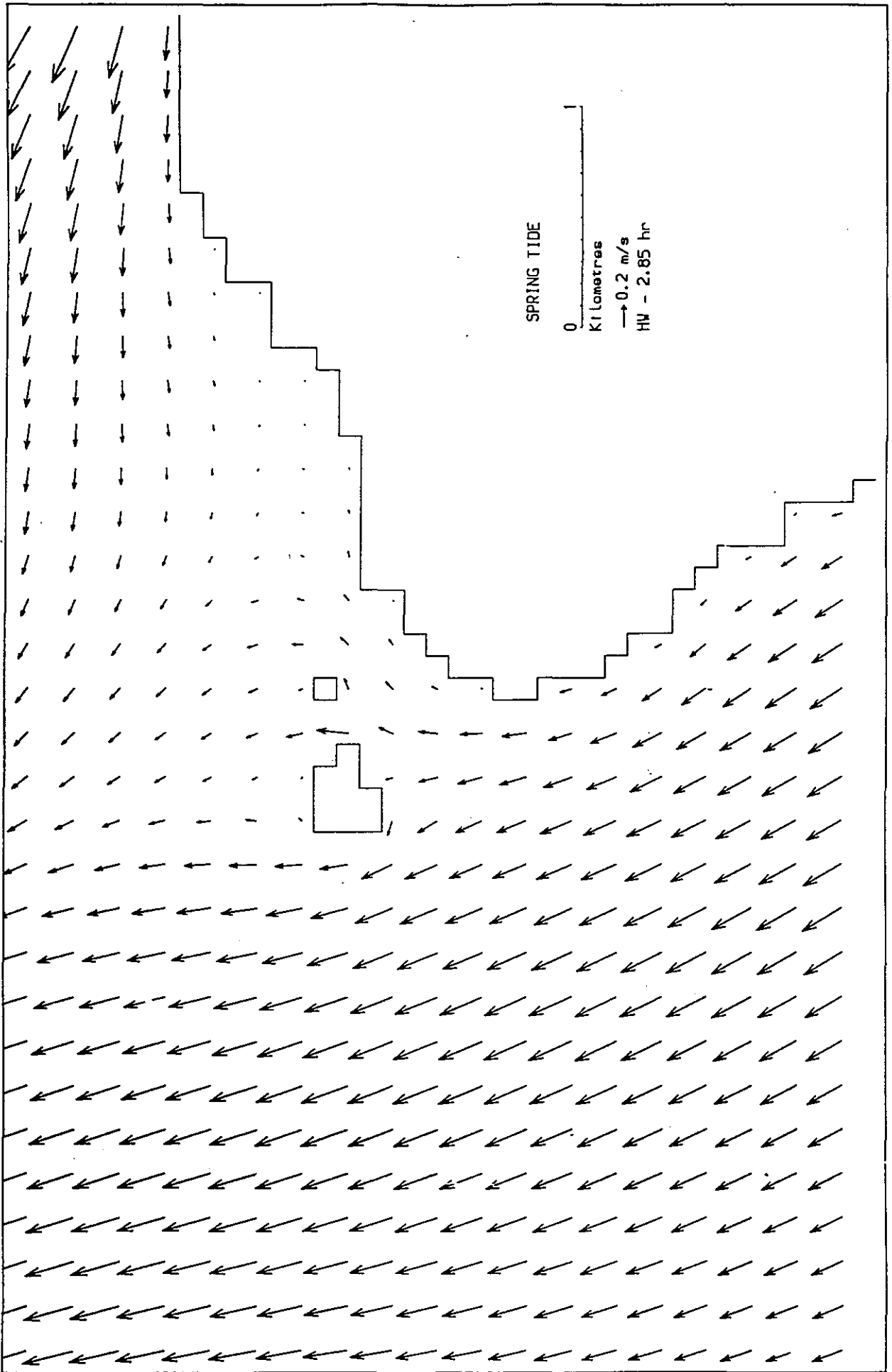


Fig 7g Green Island Reclamation - Case 2
 Dry season Spring Flood - Upper layer

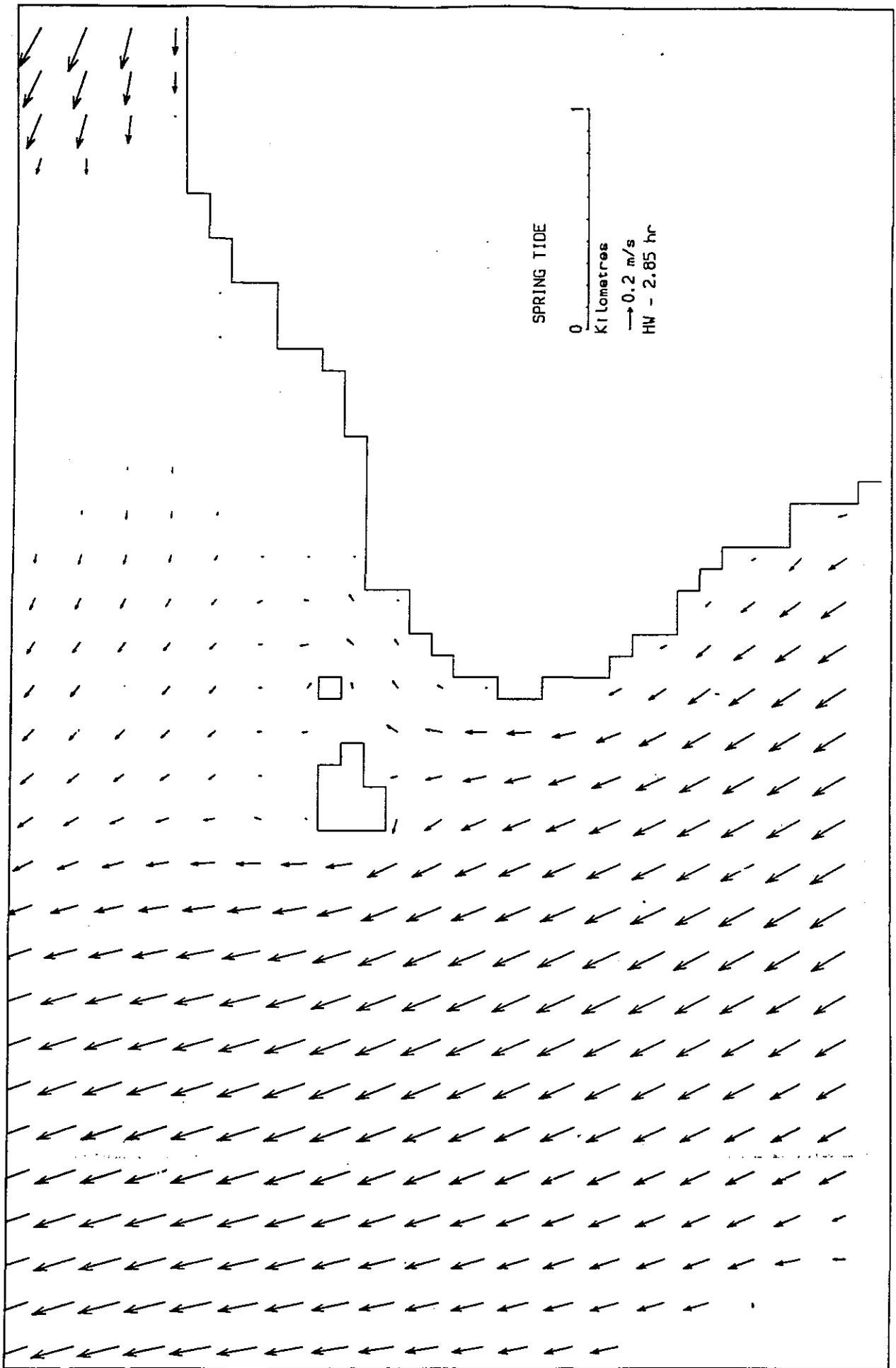


Fig 7h Green Island Reclamation - Case 2
 Dry season Spring Flood - Lower layer

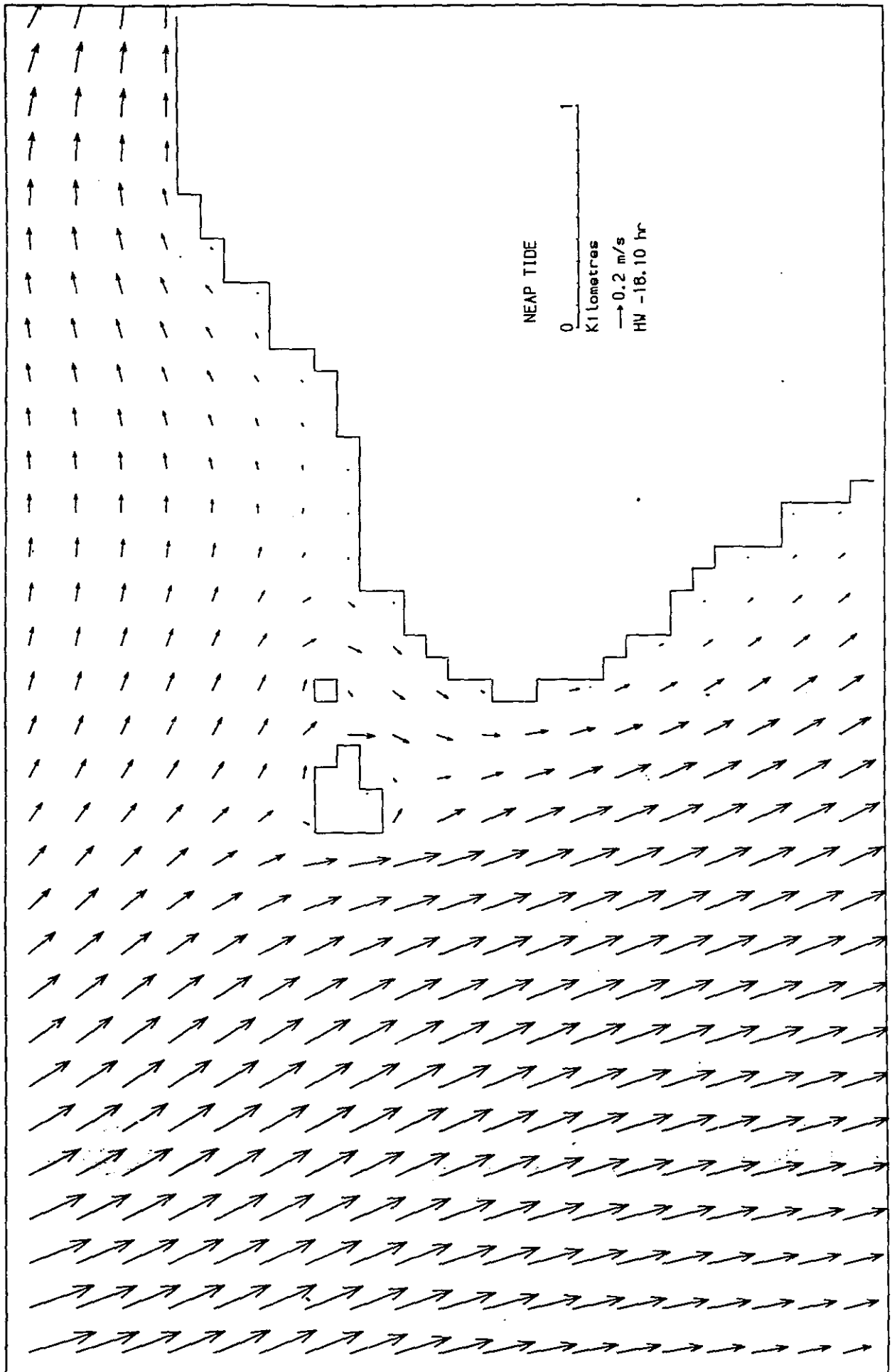


Fig 7i Green Island Reclamation - Case 2
Wet season Neap Ebb - Upper layer

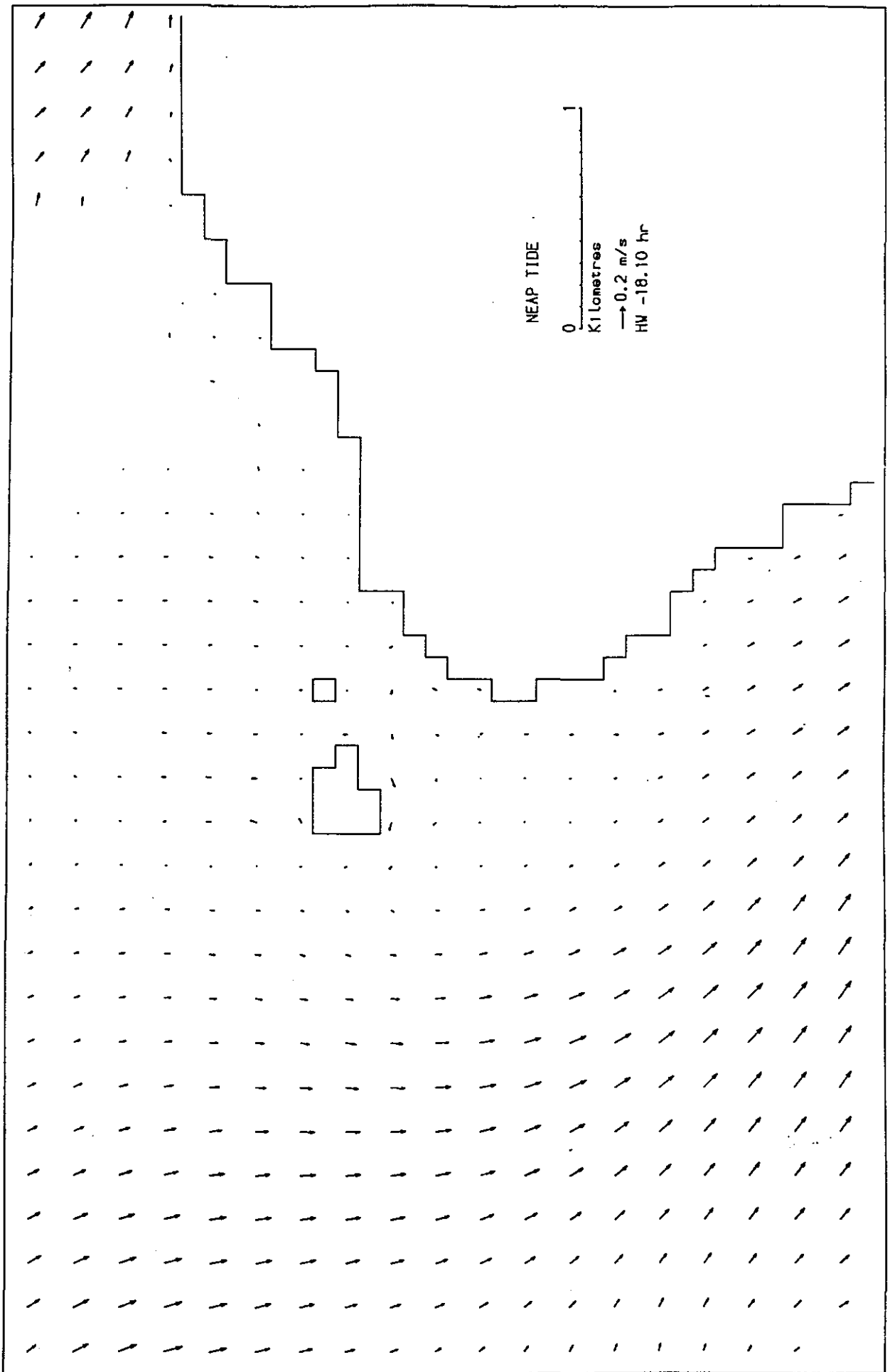
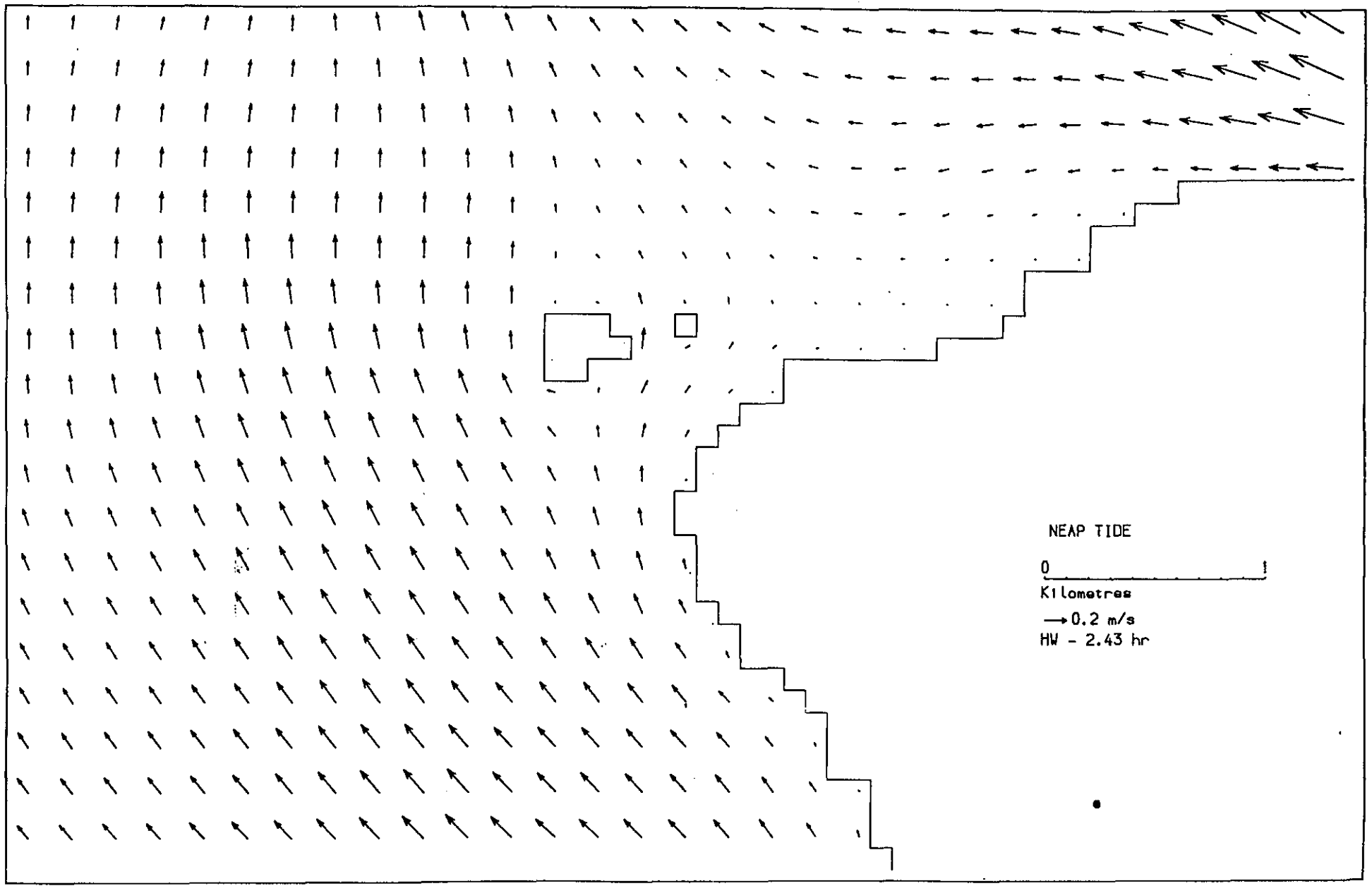


Fig 1j Green Island Reclamation - Case 2
Wet season Neap Ebb - Lower layer

Fig 7k Green Island Reclamation - Case 2
Wet season Neap Flood - Upper layer



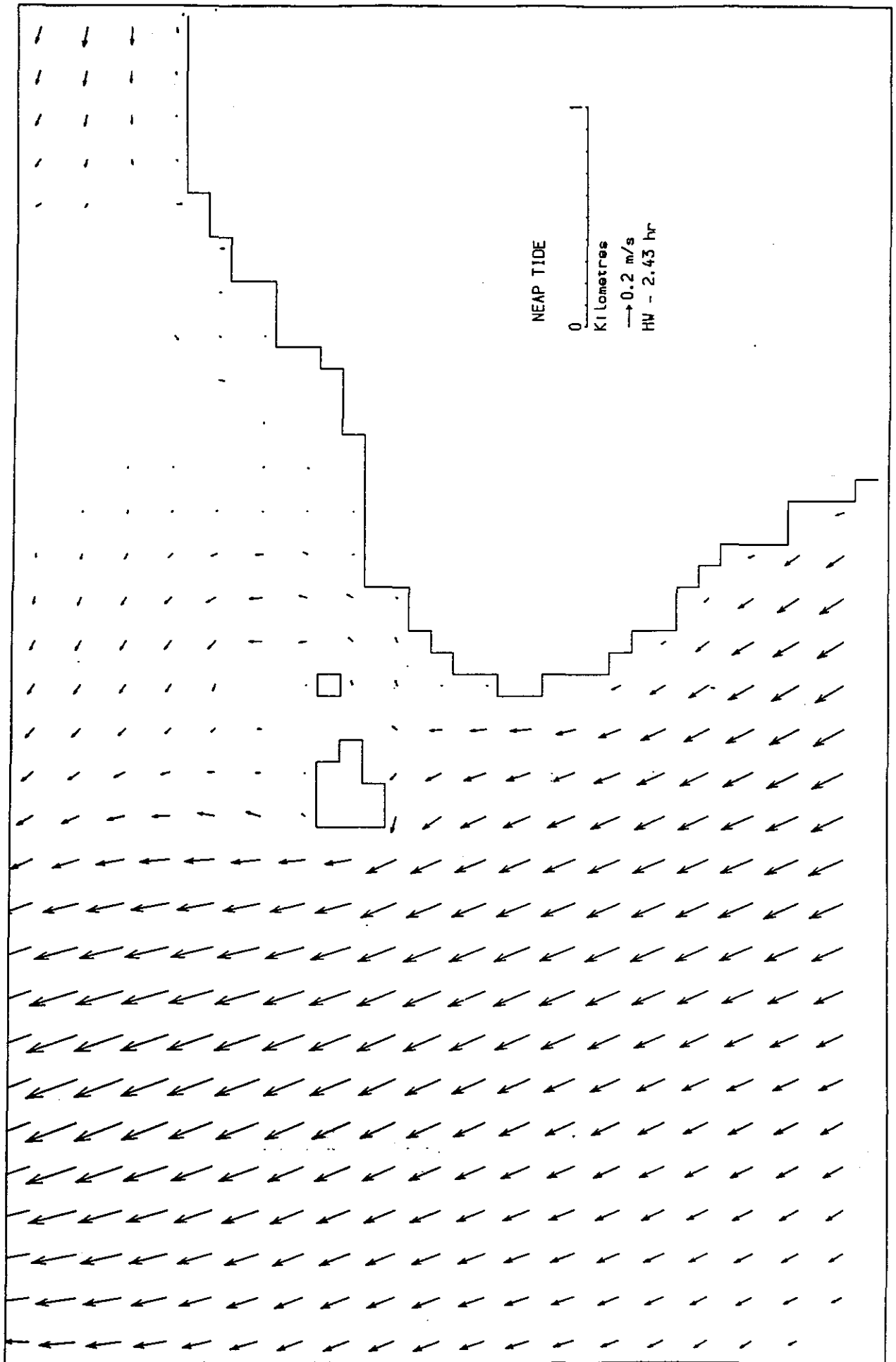


Fig 76 Green Island Reclamation - Case 2
Wet season Neap Flood - Lower layer

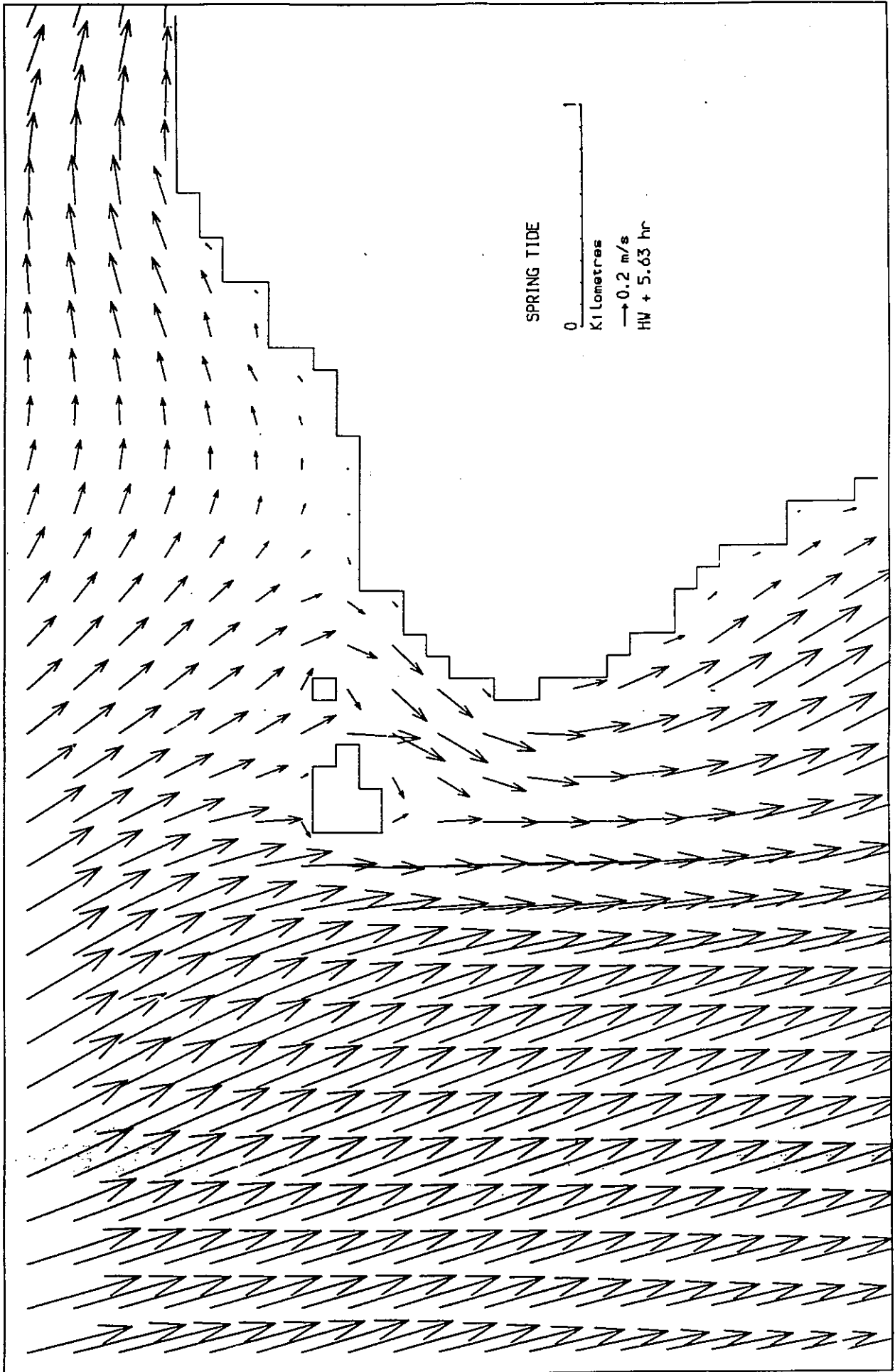


Fig 7m Green Island Reclamation - Case 2
Wet season Spring Ebb - Upper layer

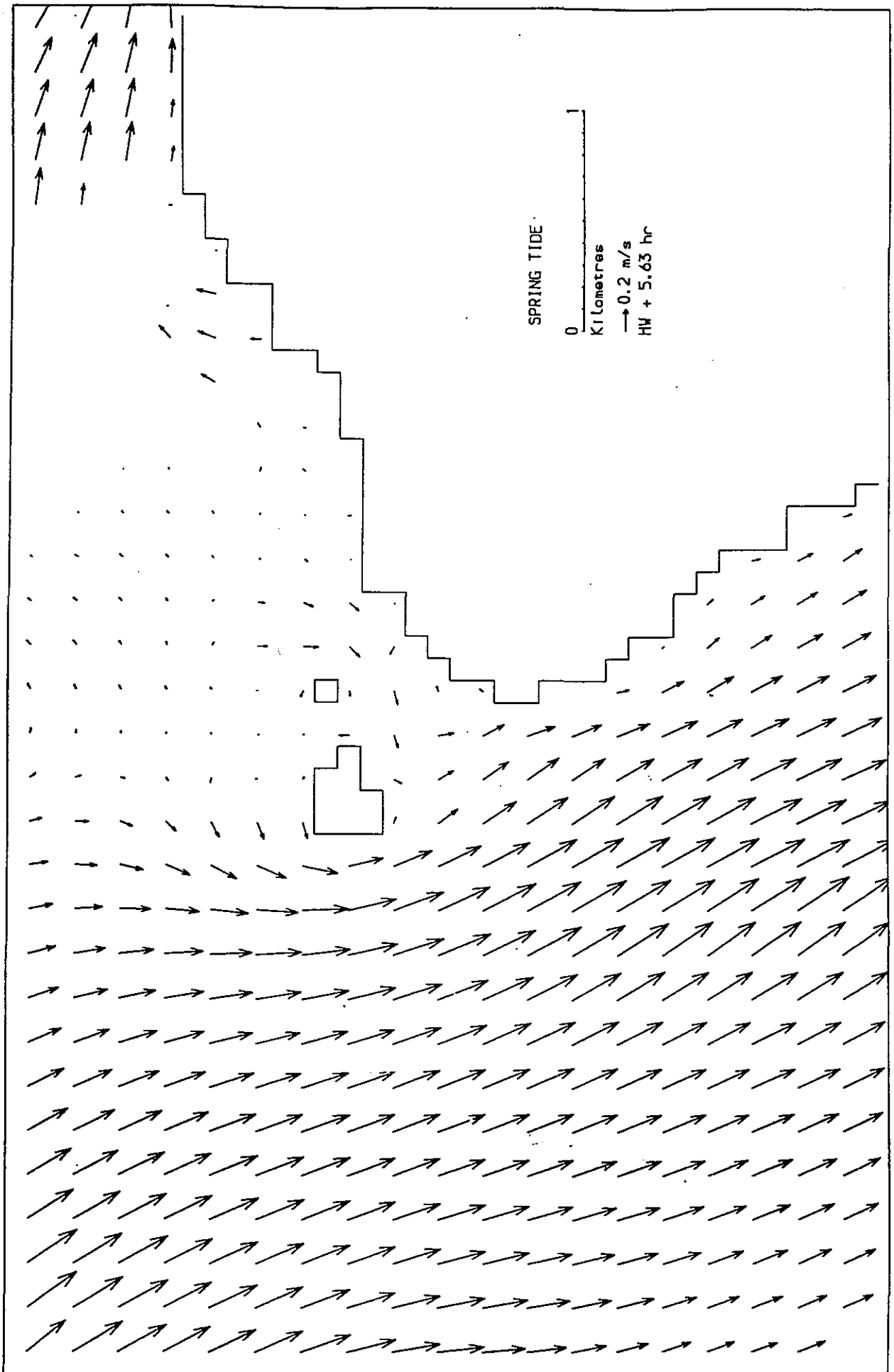


Fig 7a Green Island Reclamation - Case 2
Wet season Spring Ebb - Lower layer

Fig 70 Green Island Reclamation - Case 2
Wet season Spring Flood - Upper layer

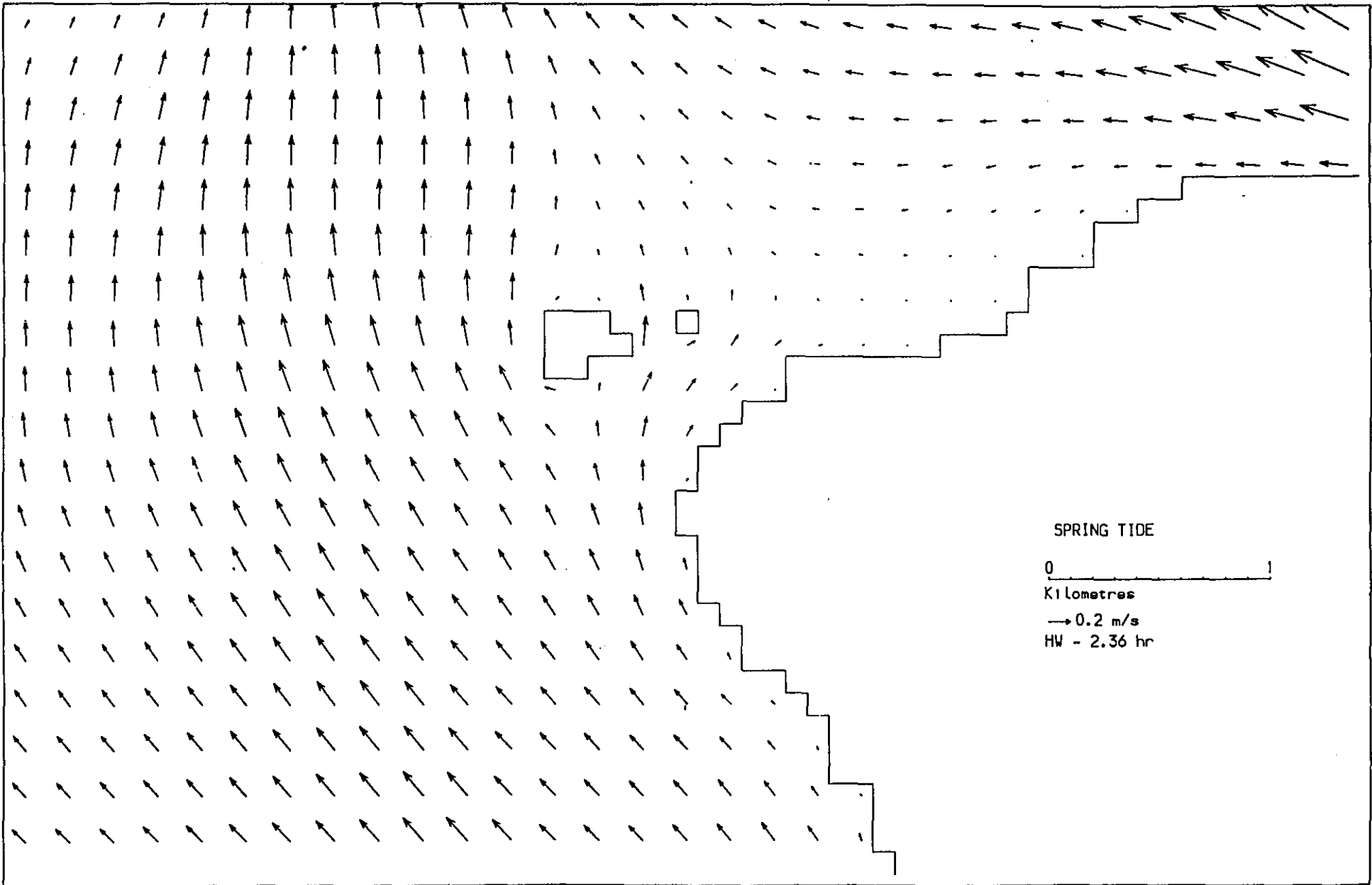
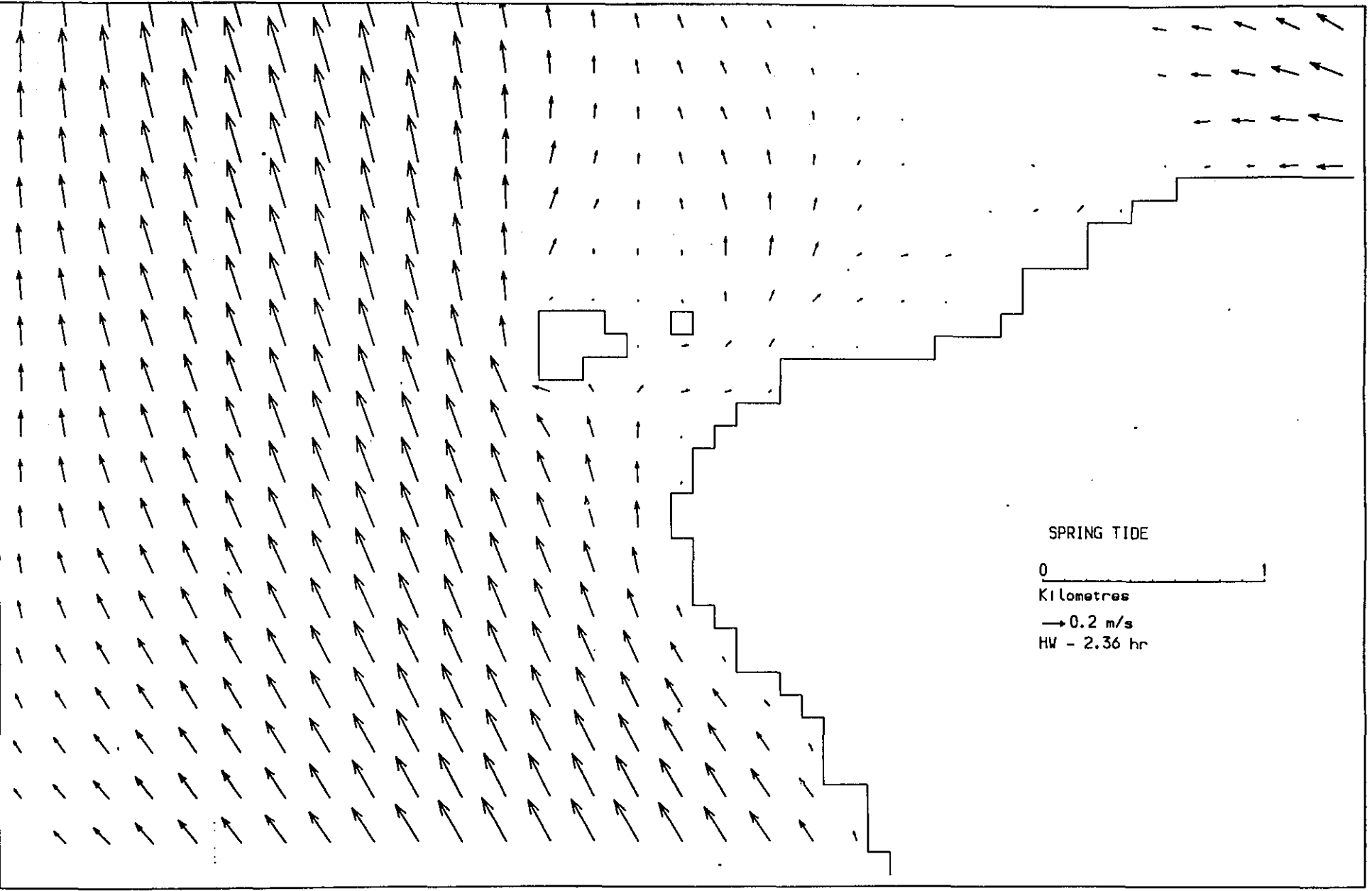


Fig 7p Green Island Reclamation - Case 2
Wet season Spring Flood - Lower layer



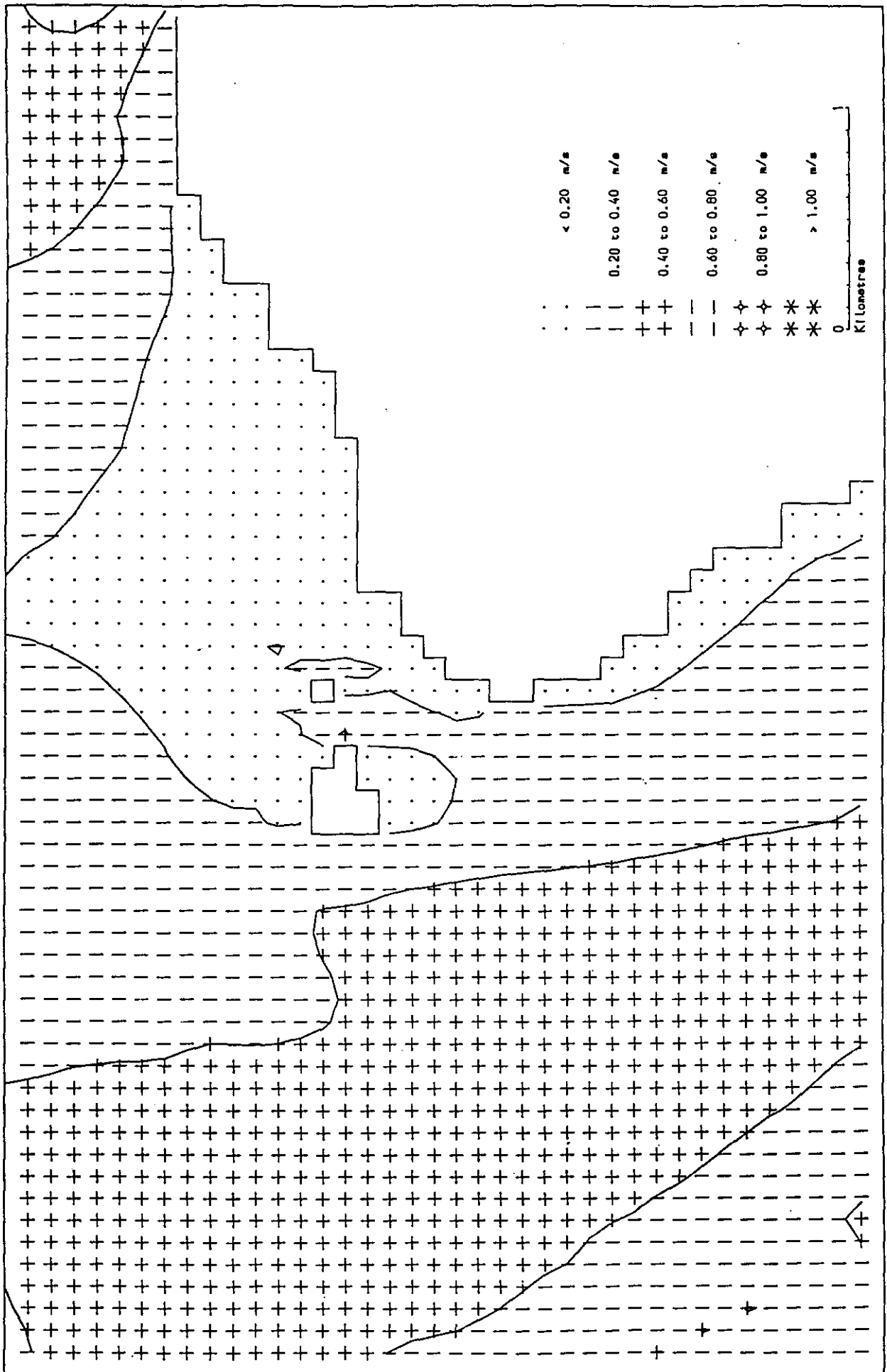


Fig 8a Green Island Reclamation - Upper layer
 Dry season Neap Peak Speed - Case 2

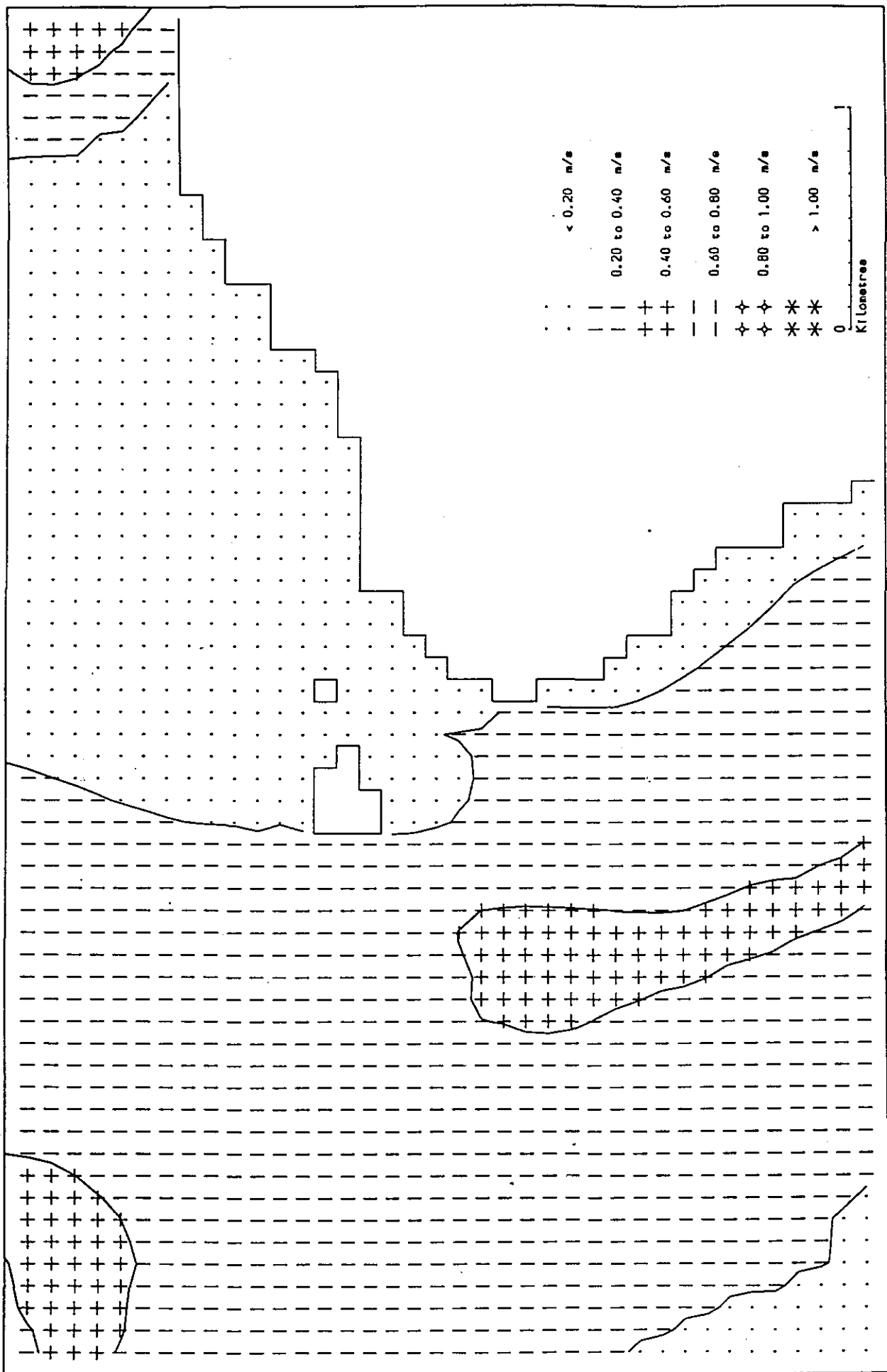


Fig 8b Green Island Reclamation - Lower layer
 Dry season Neap Peak Speed - Case 2

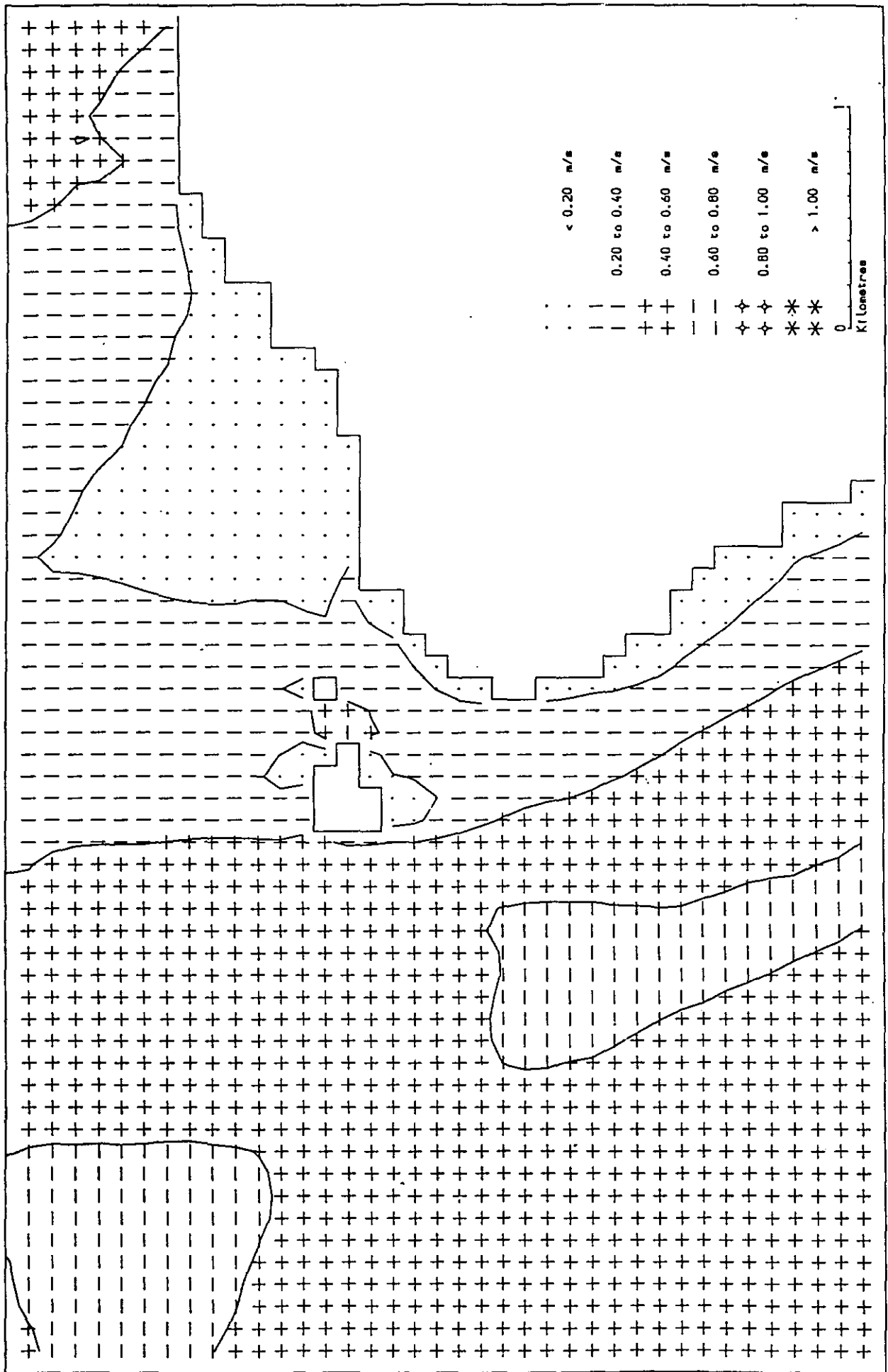


Fig. 8c Green Island Reclamation - Upper layer
 Dry season Spring Peak Speed - Case 2

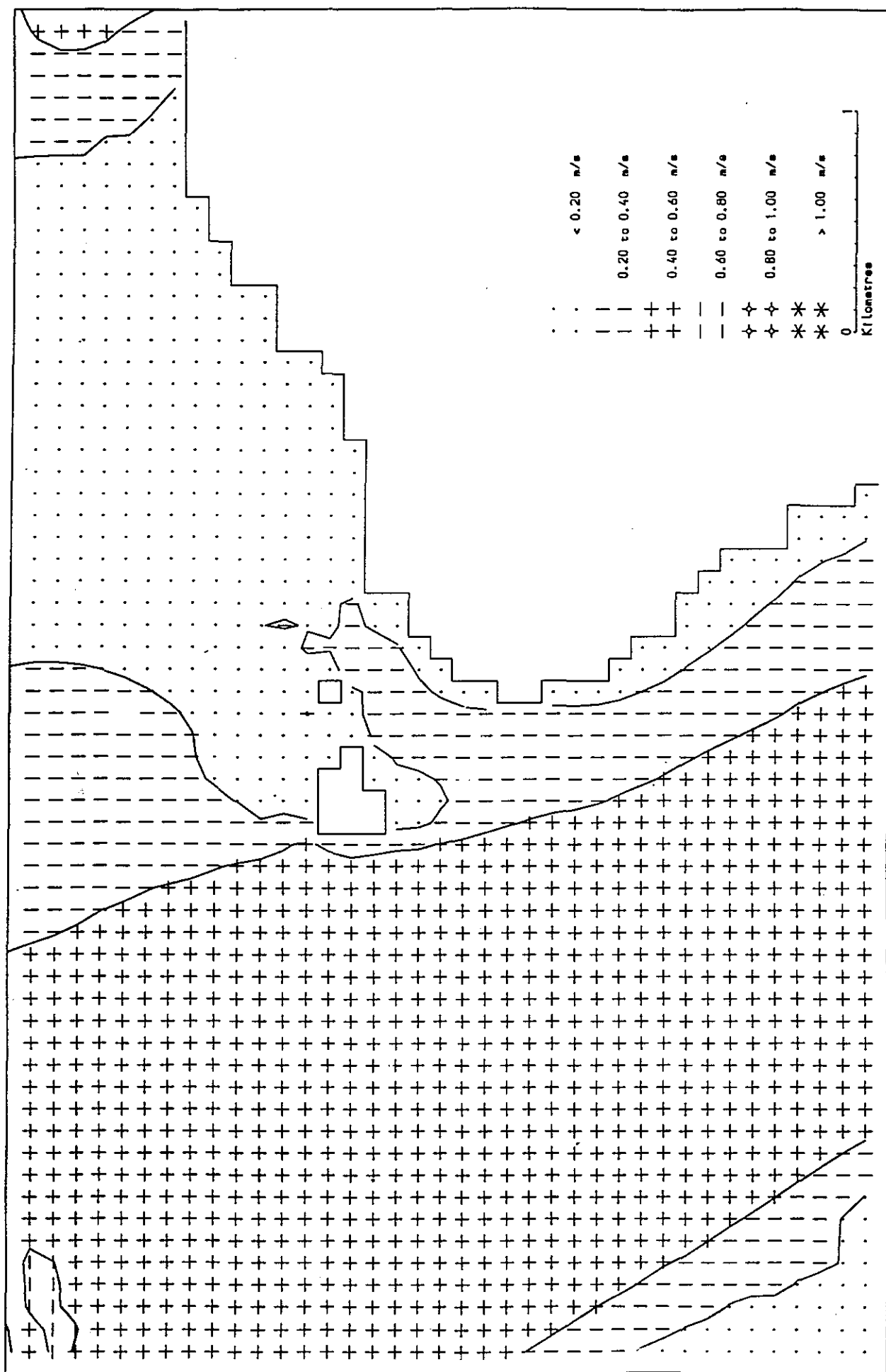


Fig 8d Green Island Reclamation - Lower layer
 Dry season Spring Peak Speed - Case 2

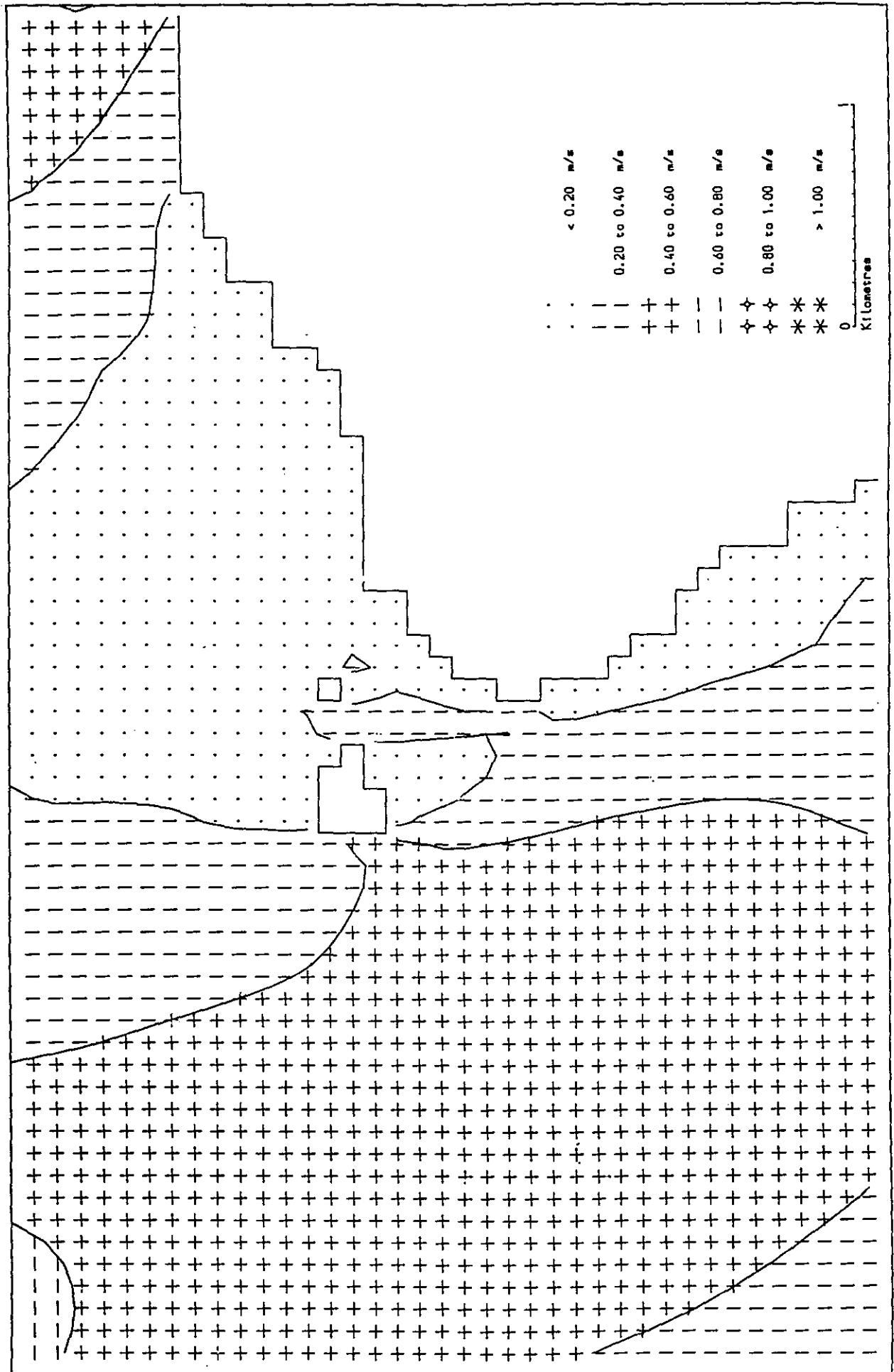


Fig 8e Green Island Reclamation - Upper layer
Wet season Neap Peak Speed - Case 2

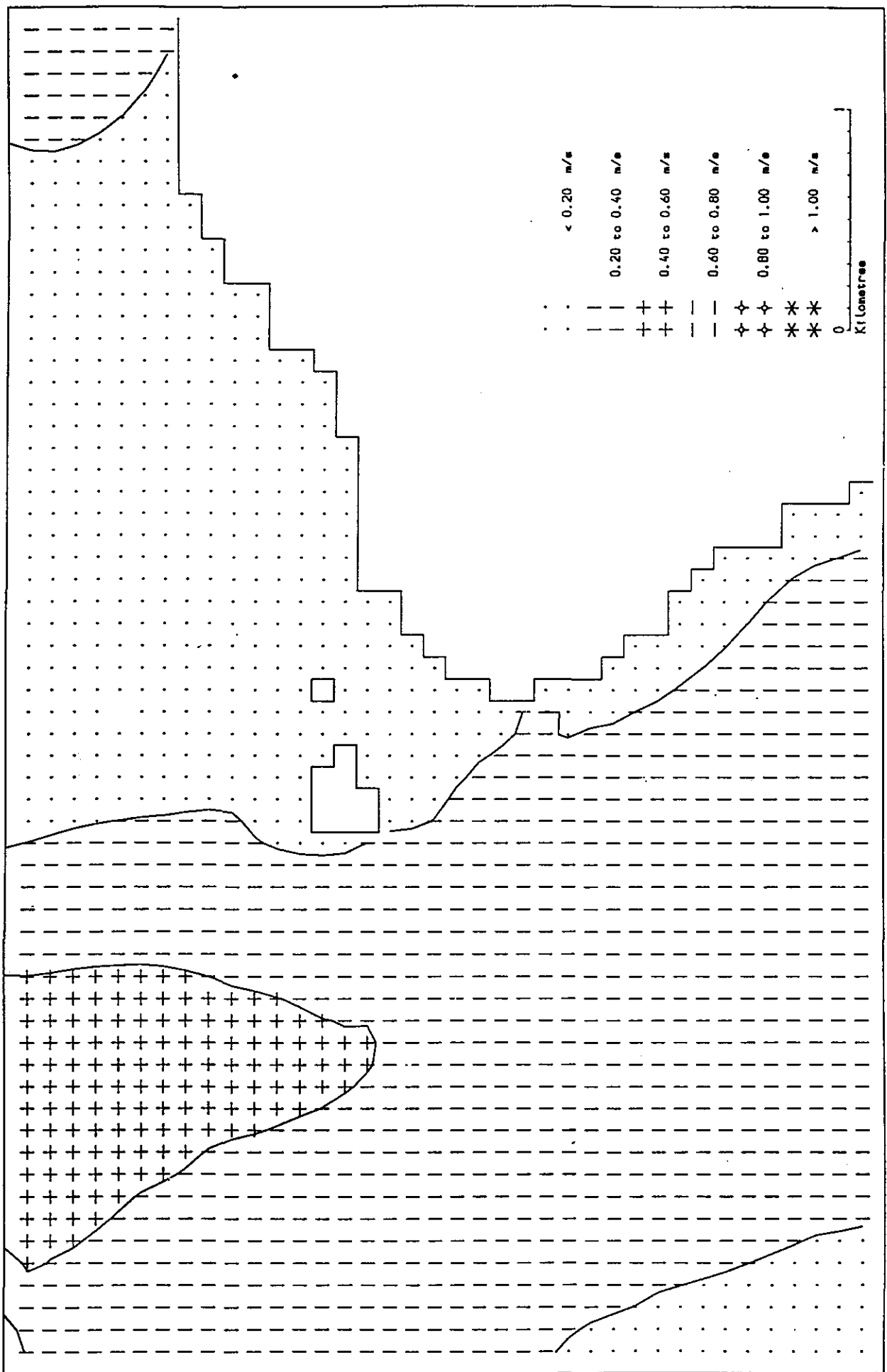


Fig 8f Green Island Reclamation - Lower layer
Wet season Neap Peak Speed - Case 2

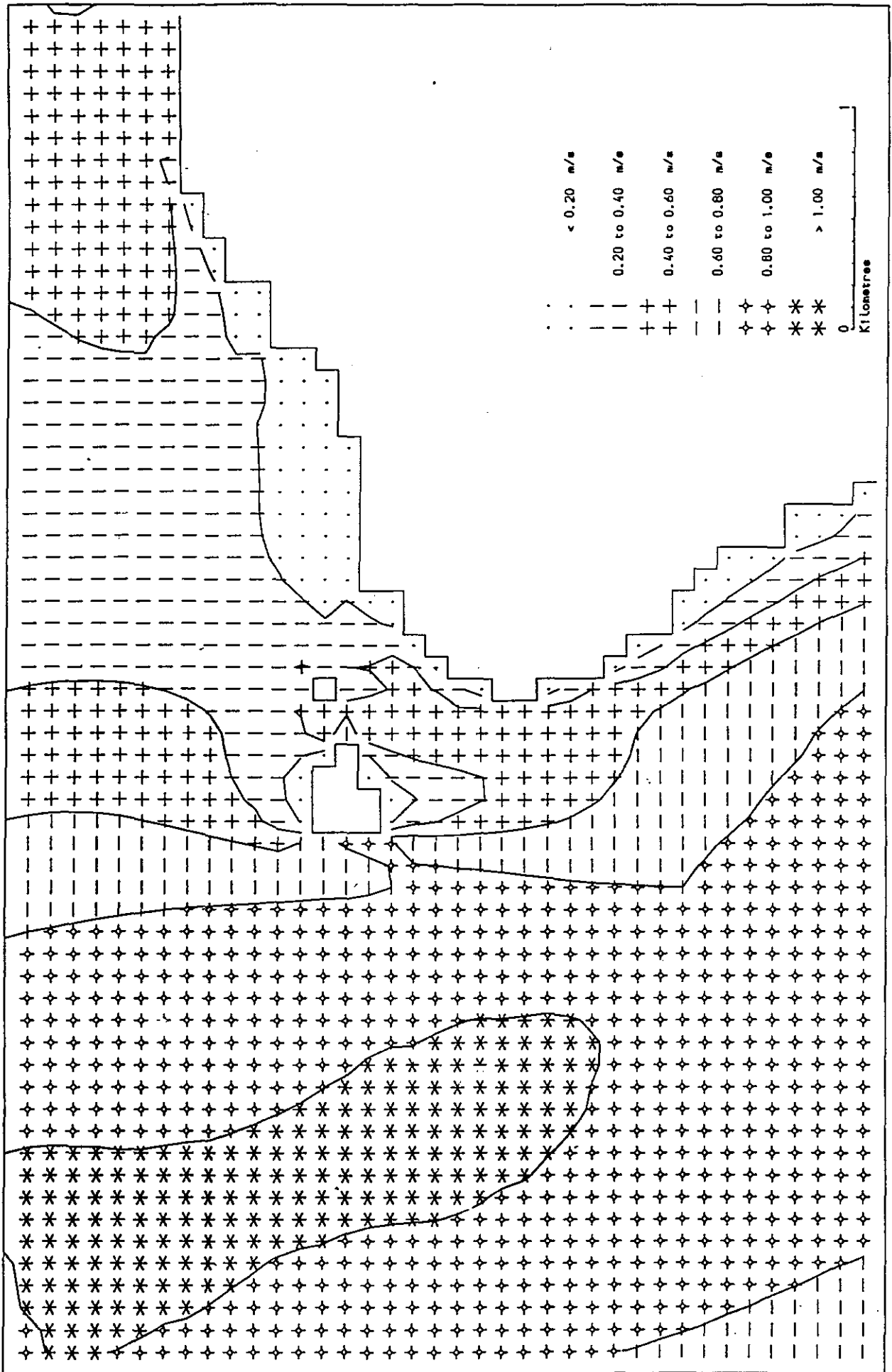


Fig 8a Green Island Reclamation - Upper layer
 Wet season Spring Peak Speed - Case 2

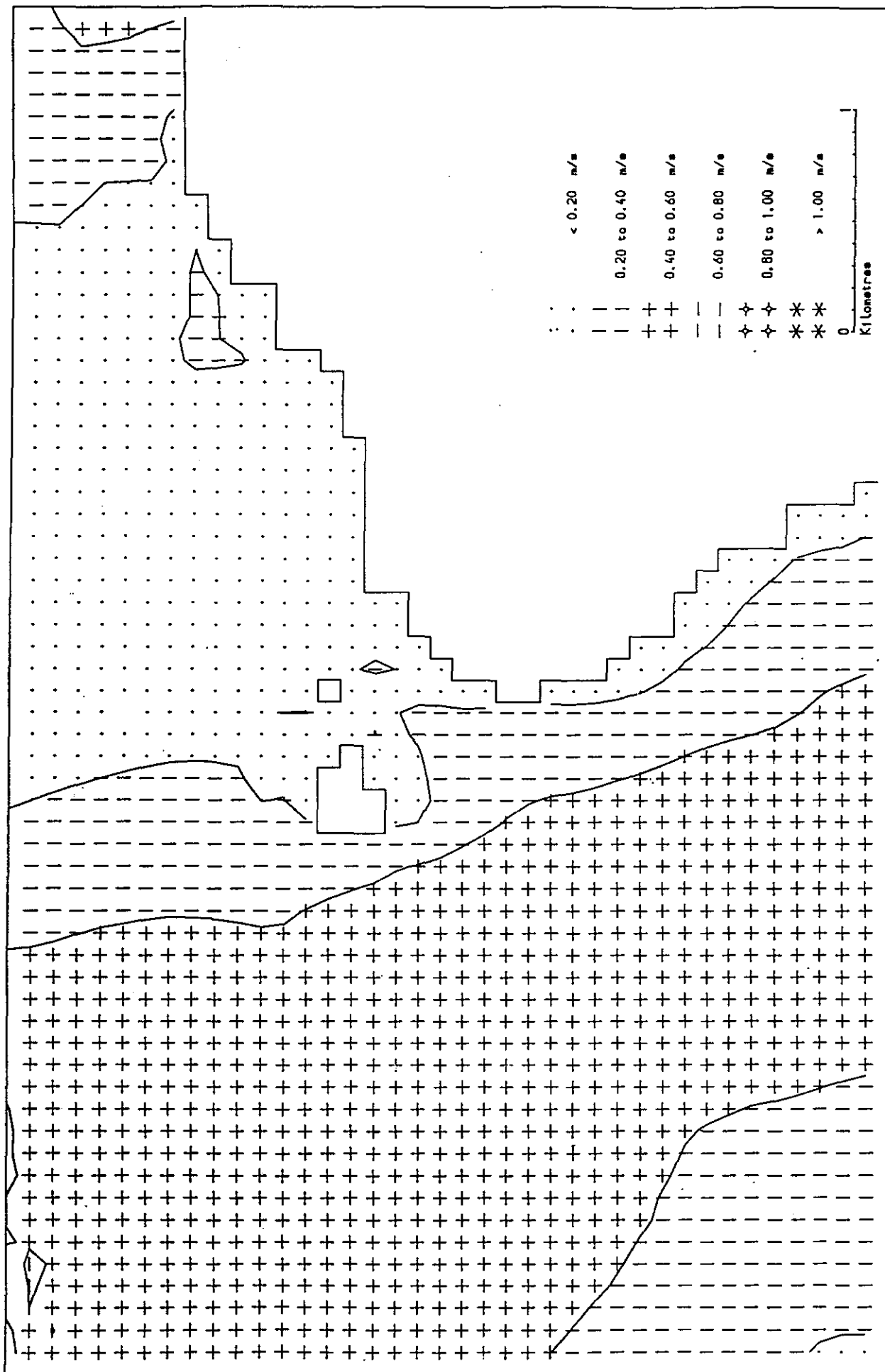


Fig 8h Green Island Reclamation - Lower layer
Wet season Spring Peak Speed - Case 2

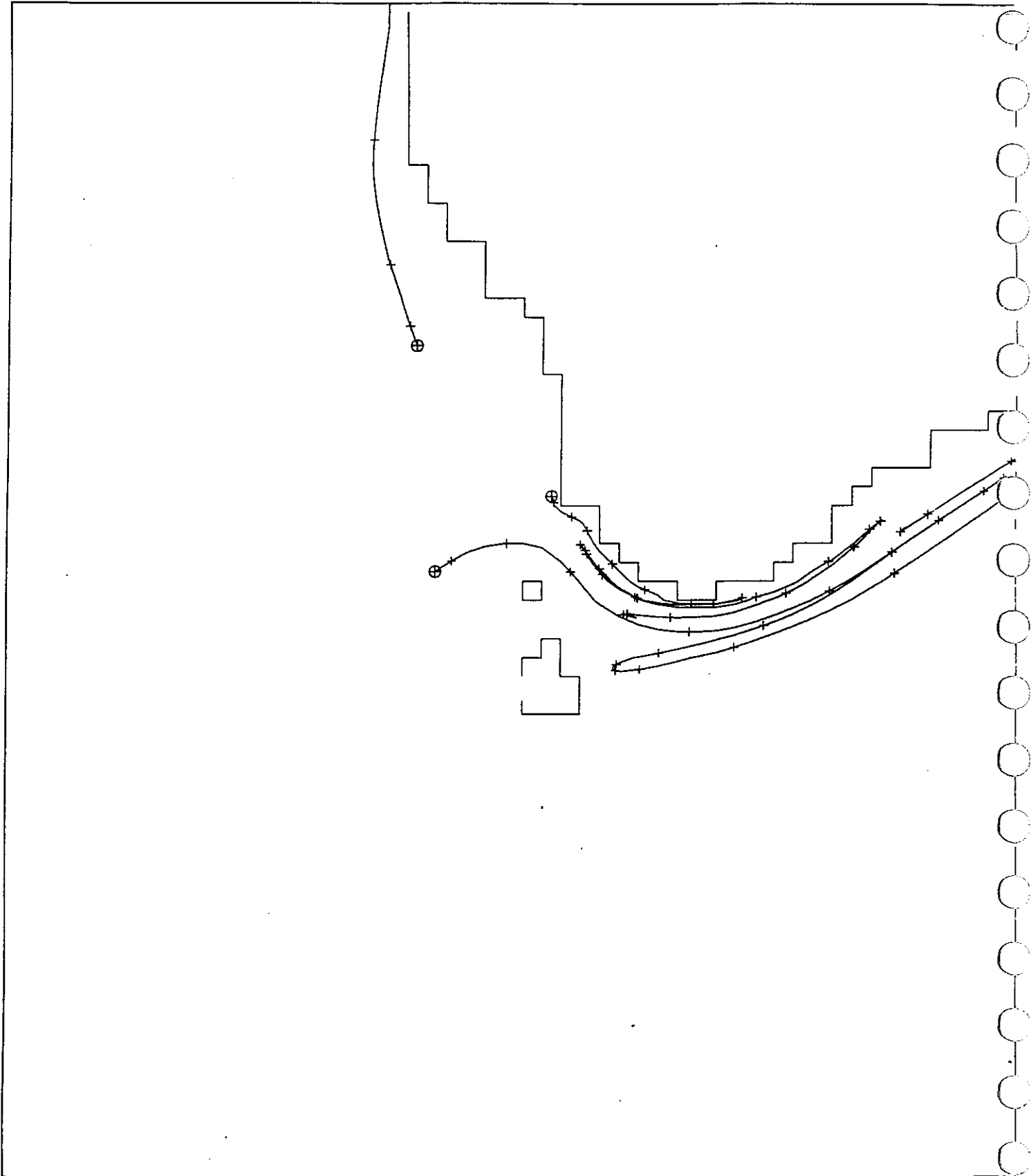


Fig 9a Green Island Reclamation - Case 2
Dry season Neap tide - Released at HHW

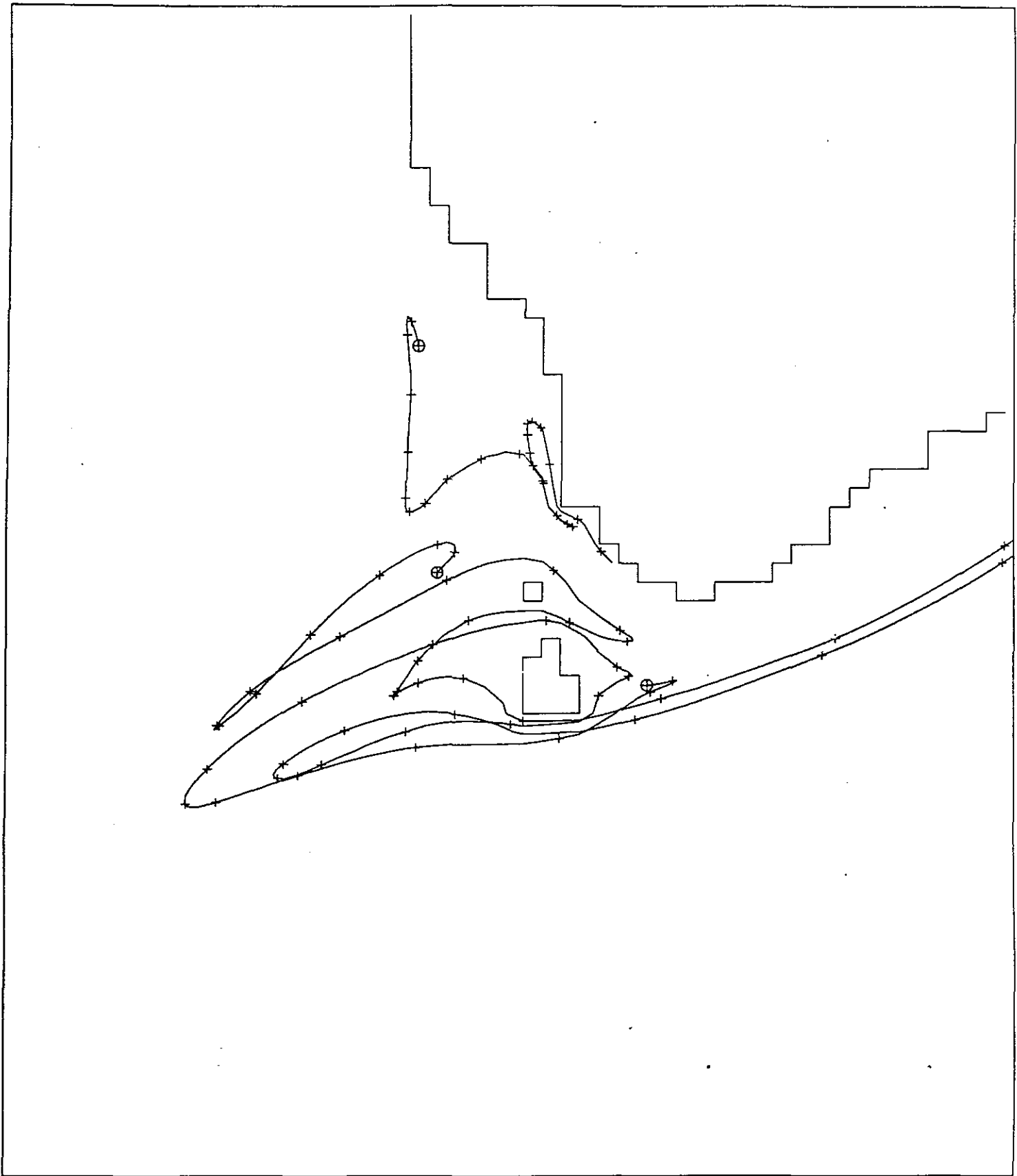


Fig ^{9b} Green Island Reclamation - Case 2
Dry season Neap tide - Released at LLW

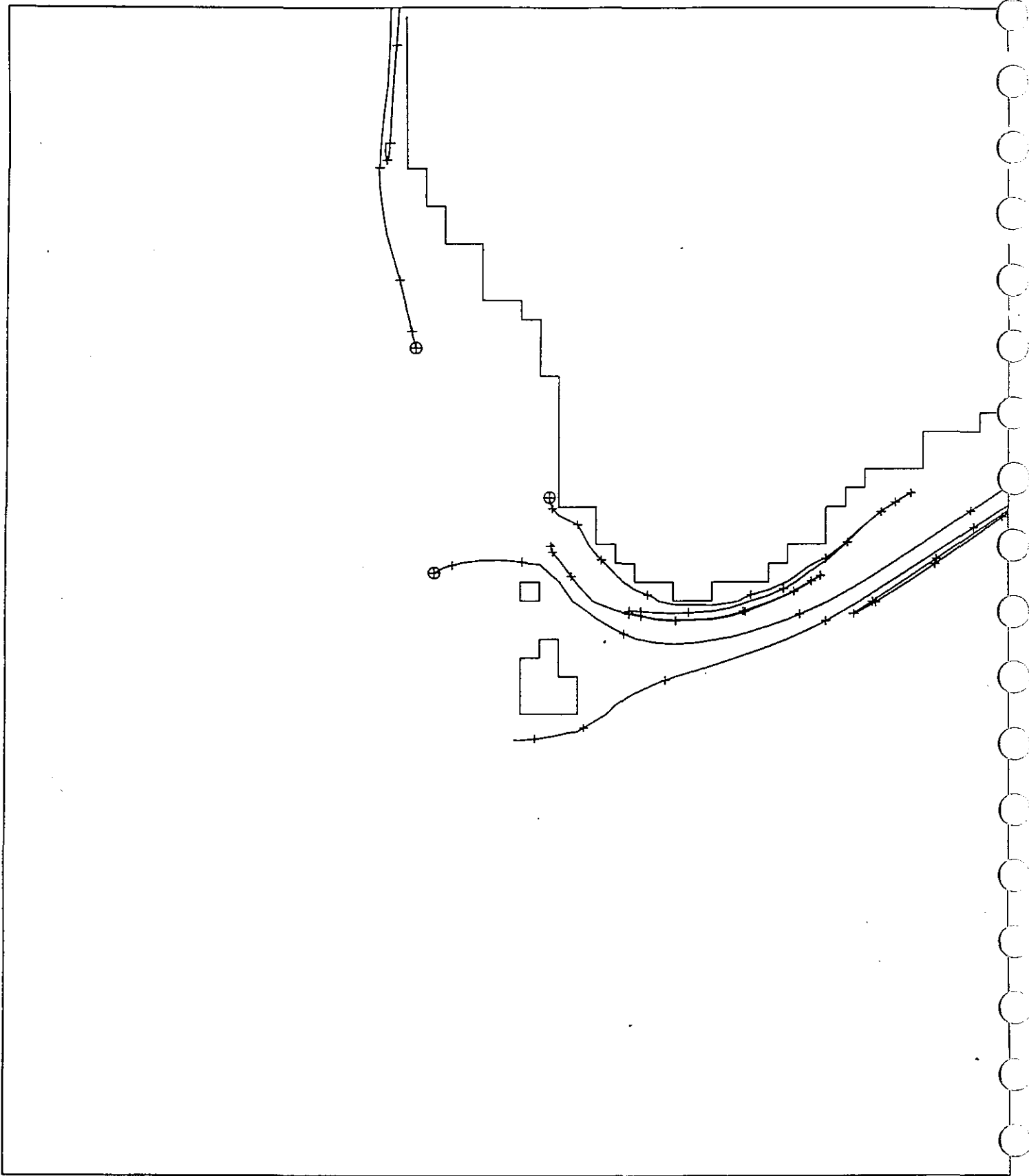


Fig 9c Green Island Reclamation - Case 2
Dry season Spring tide - Released at HHW

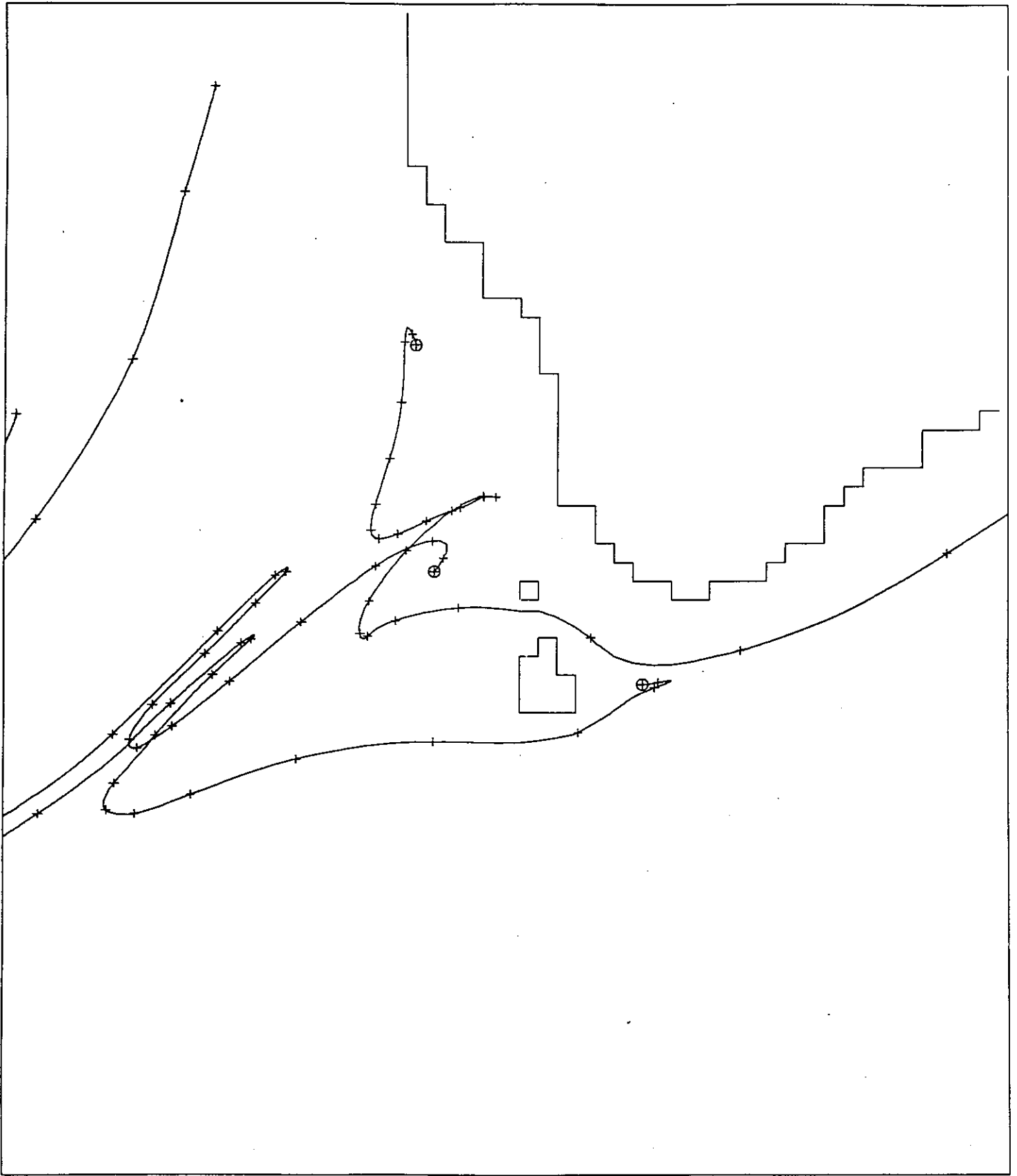


Fig 9d Green Island Reclamation - Case 2
Dry season Spring tide - Released at LLW

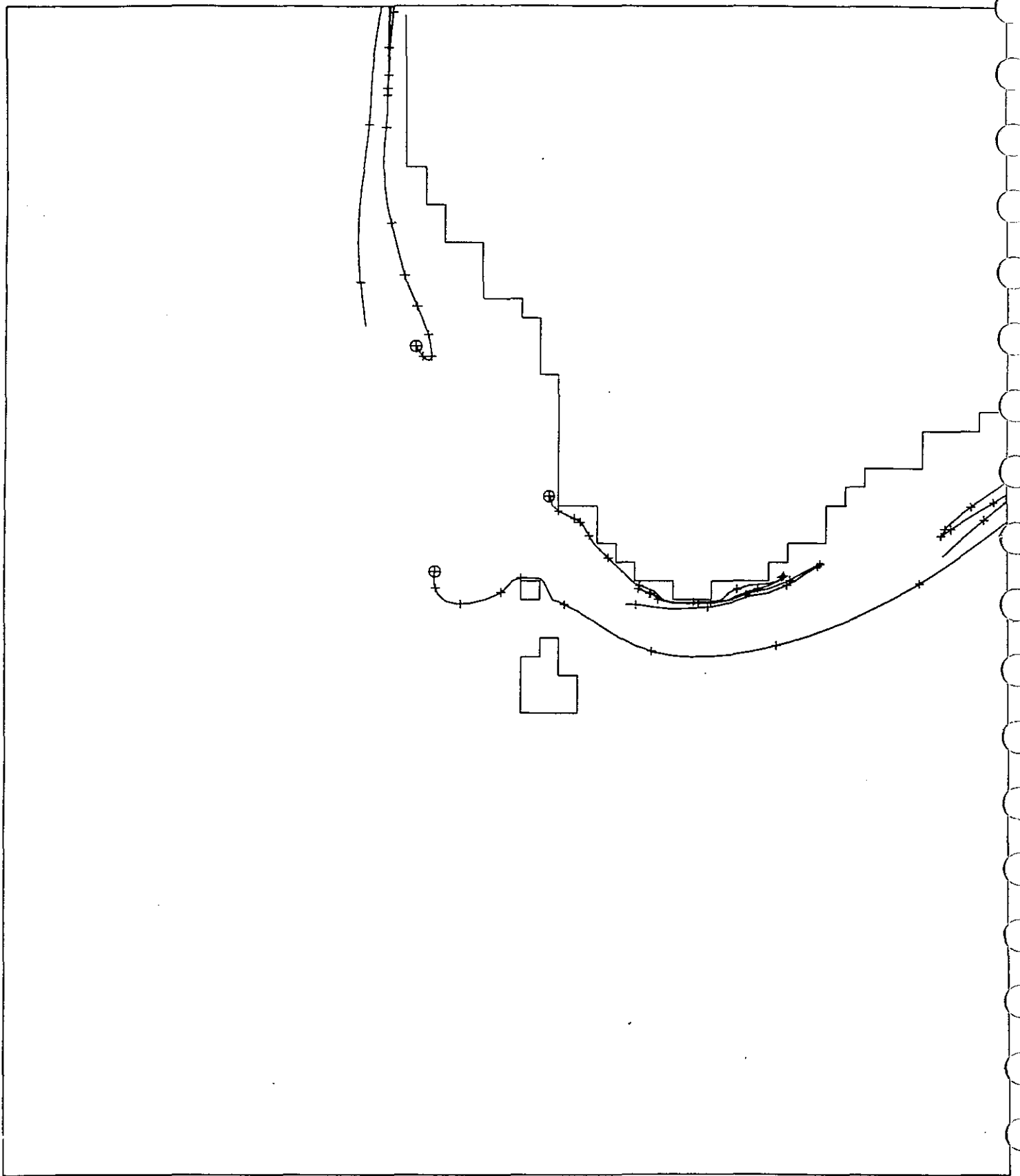


Fig 92 Green Island Reclamation - Case 2
Wet season Neap tide - Released at HHW

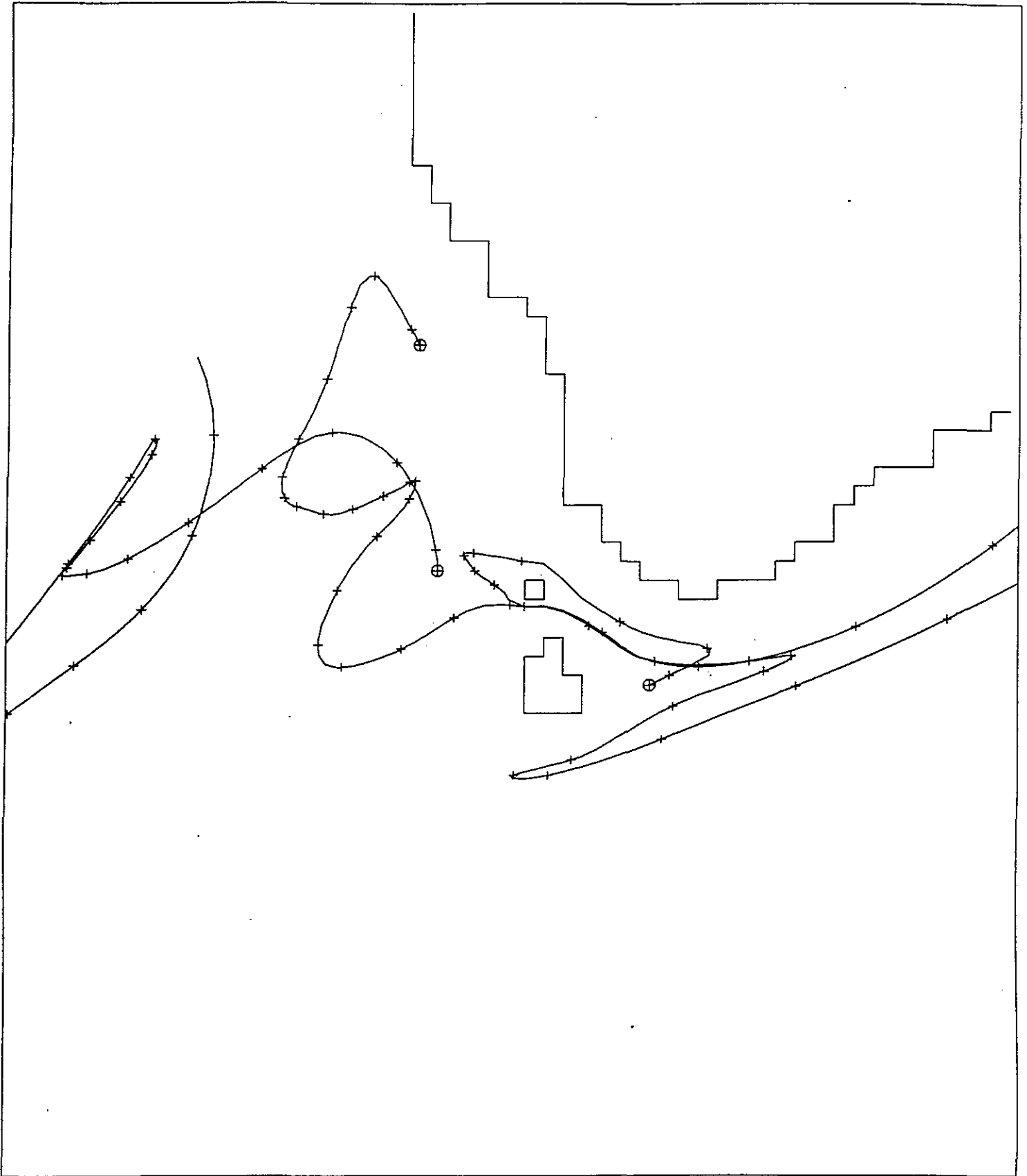


Fig 9f Green Island Reclamation - Case 2
Wet season Neap tide - Released at LLW

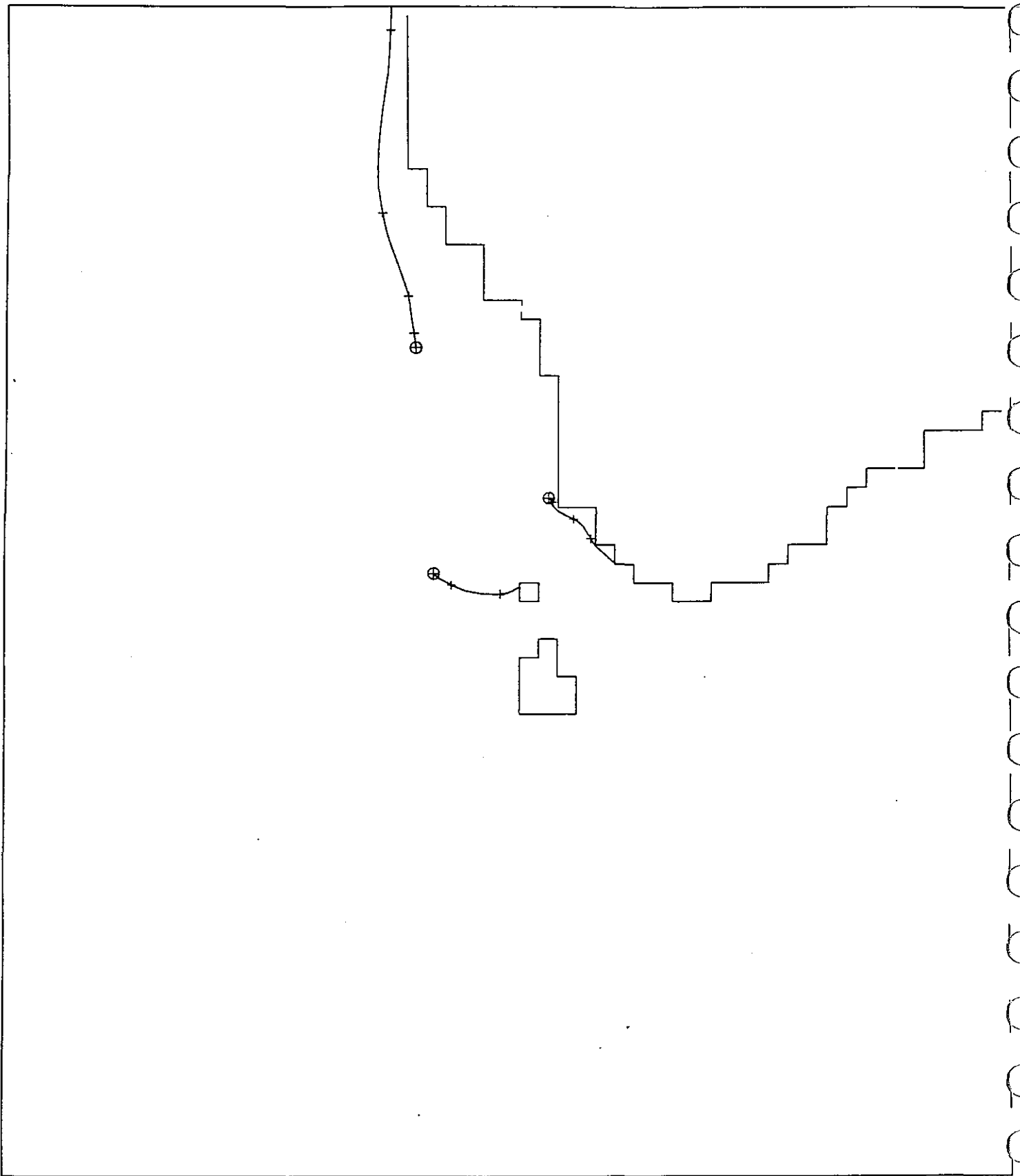


Fig 93 Green Island Reclamation - Case 2
Wet season Spring tide - Released at HHW

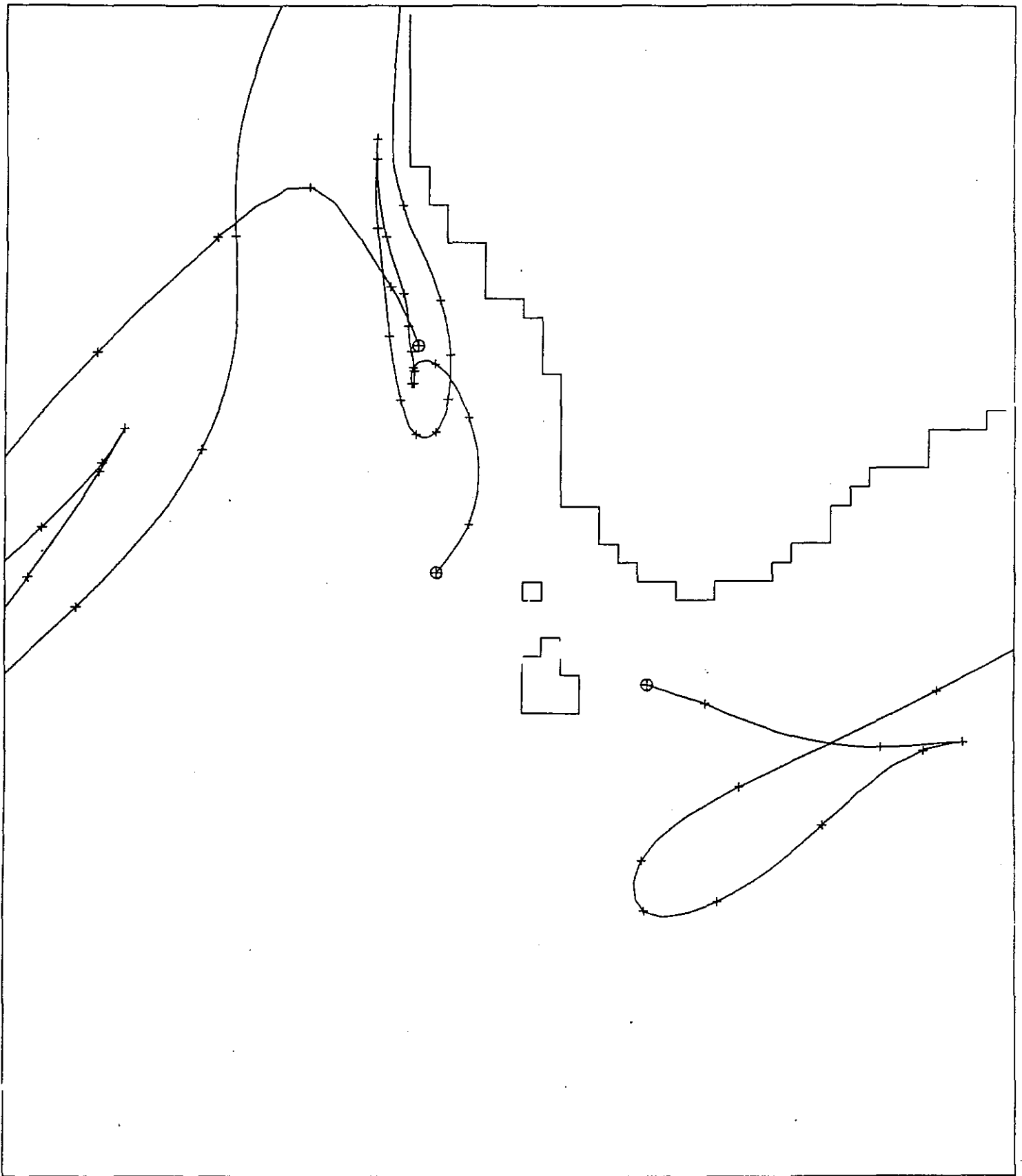


Fig 9h Green Island Reclamation - Case 2
 Wet season Spring tide - Released at LLW

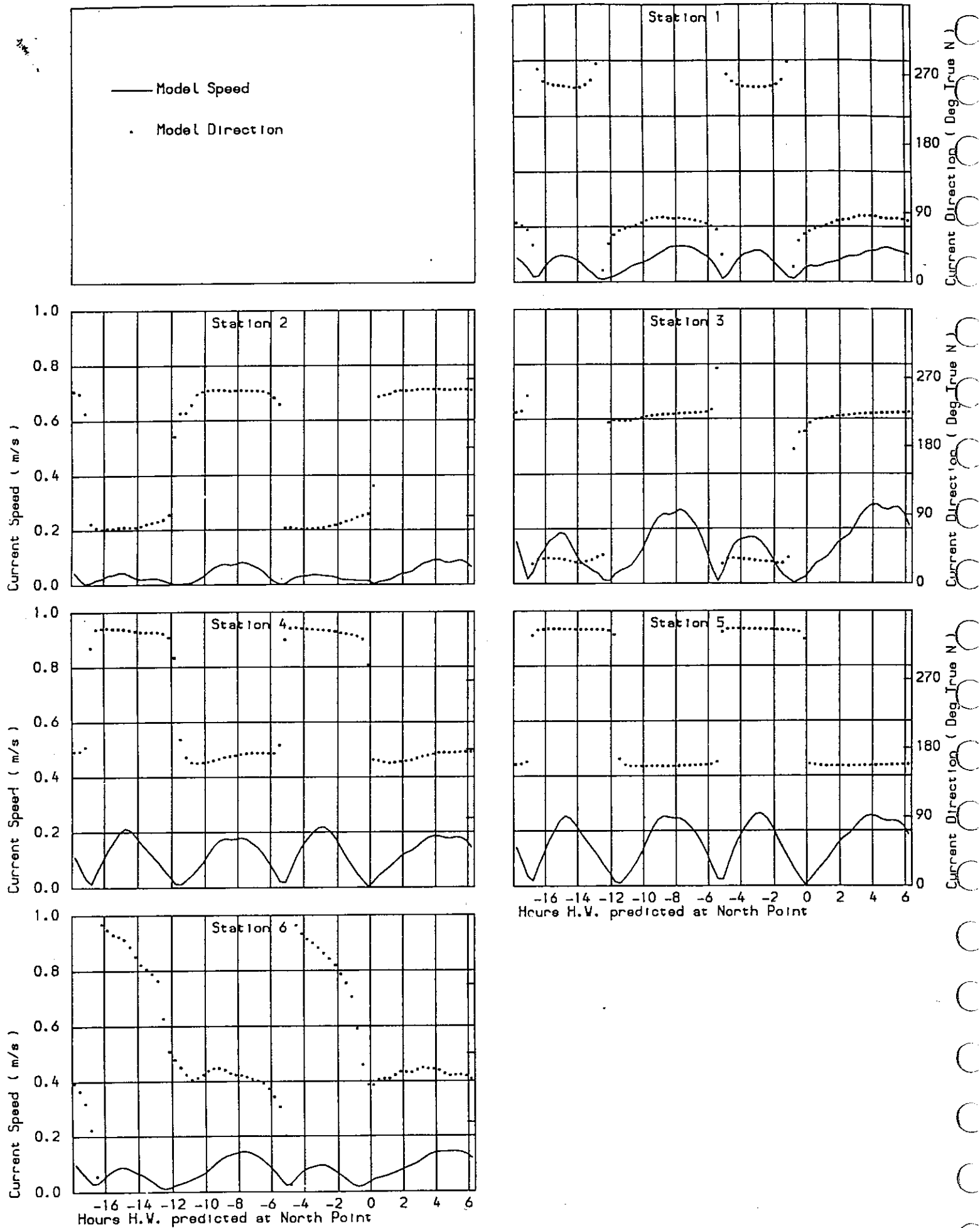


Fig 10a Green Island Reclamation - Case 3
 Dry season Neap tide - Upper layer

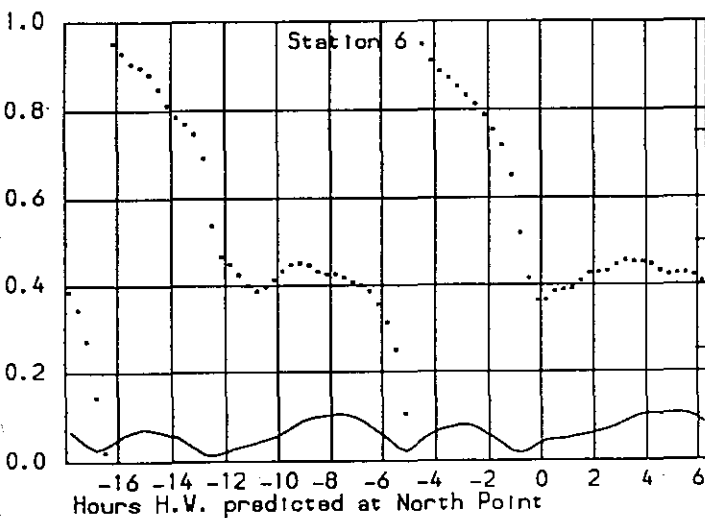
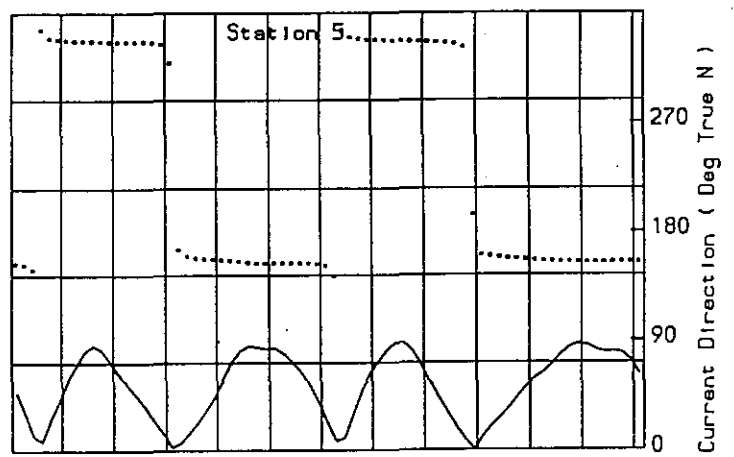
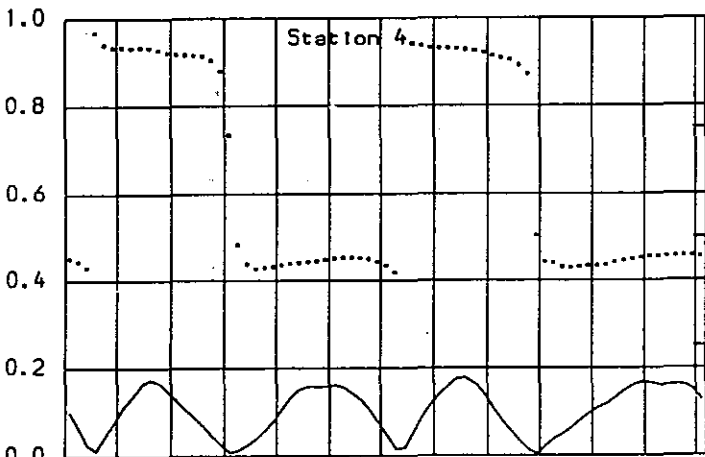
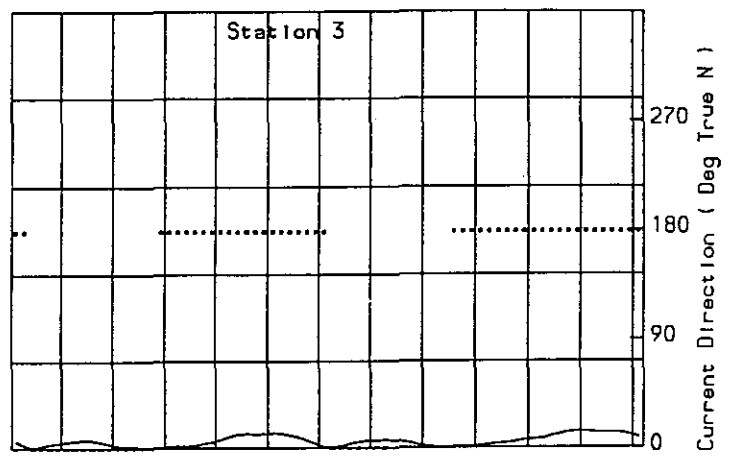
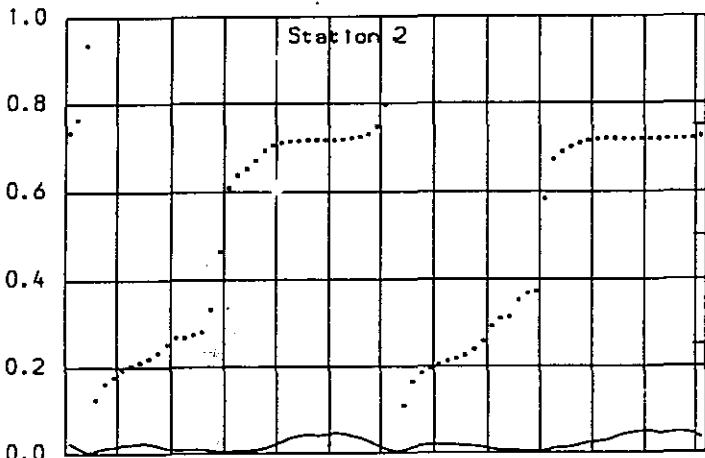
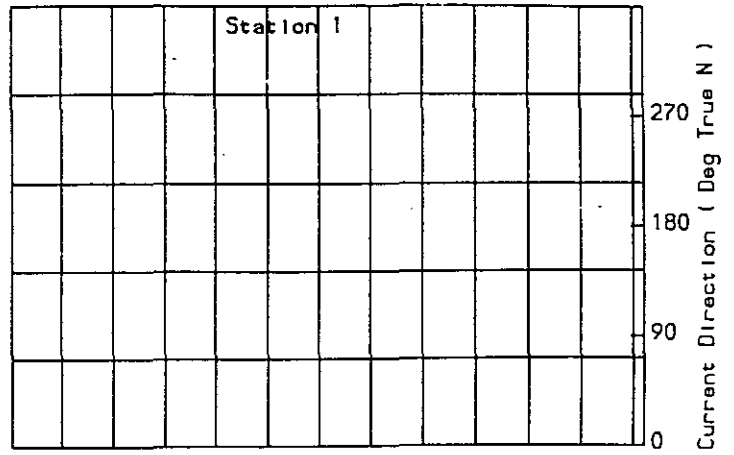
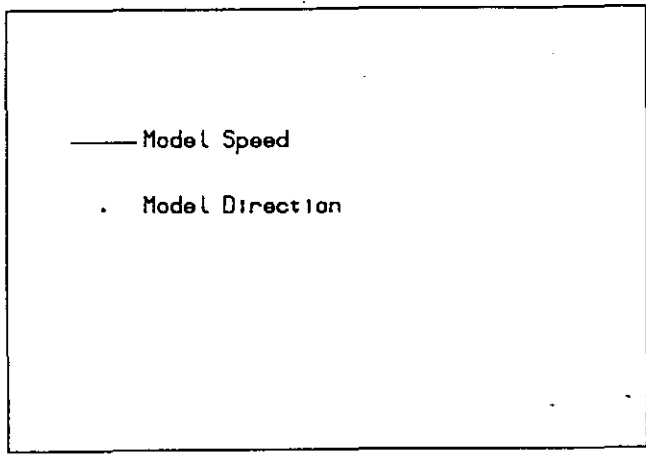
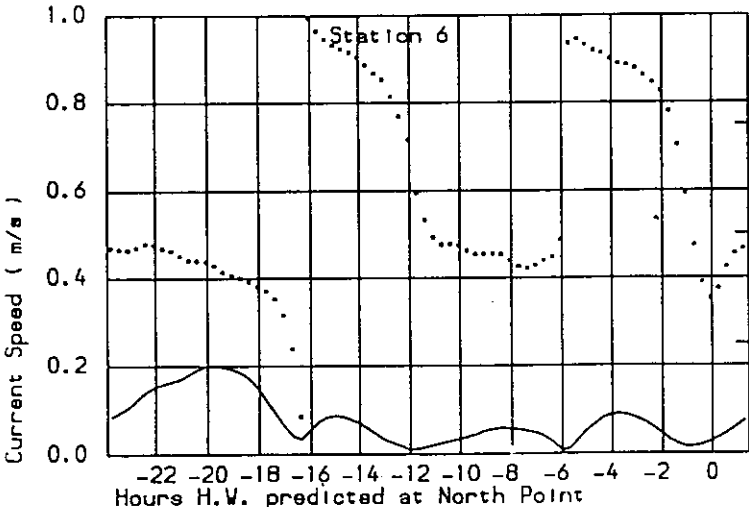
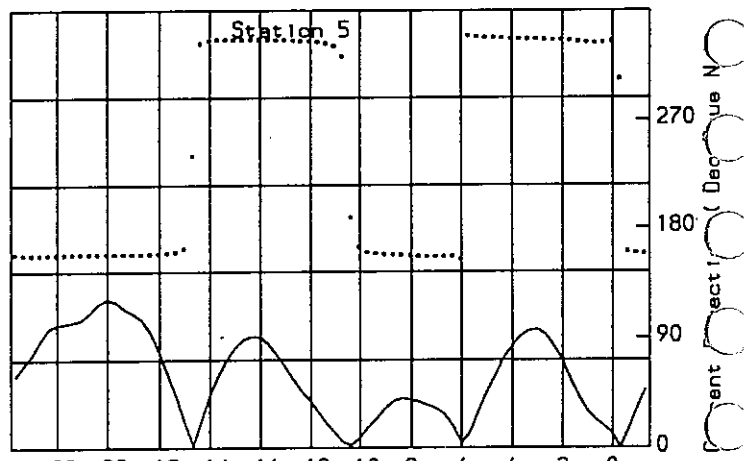
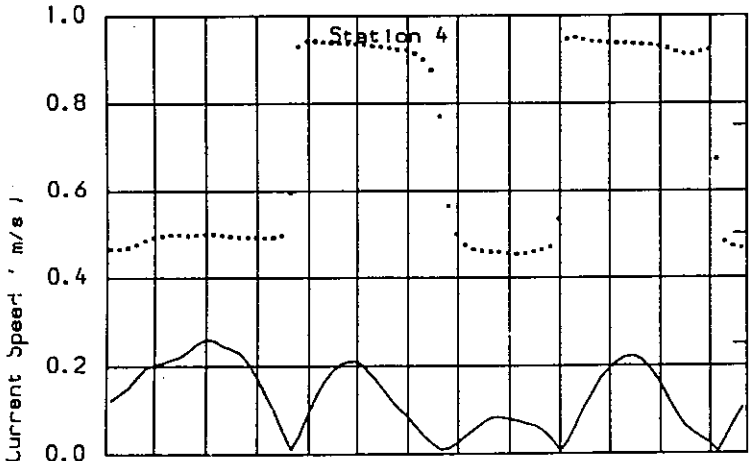
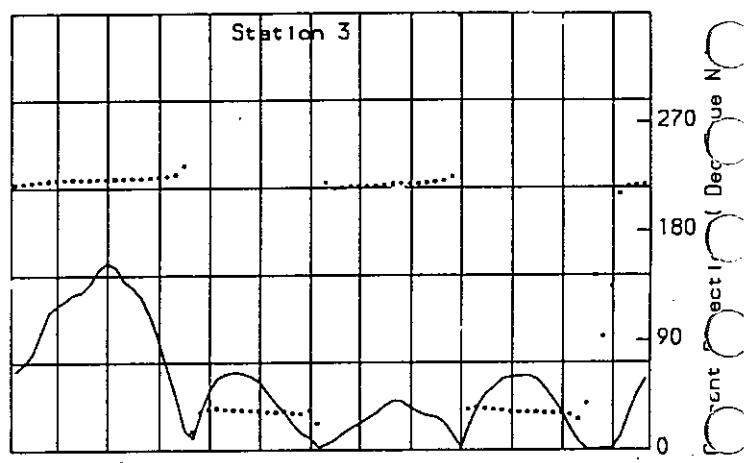
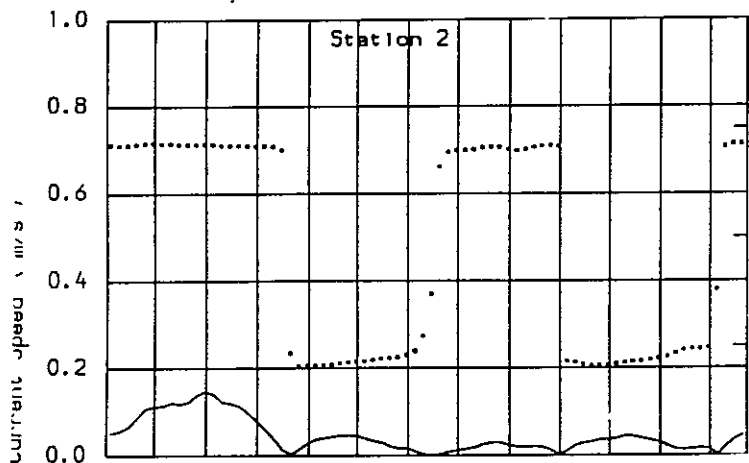
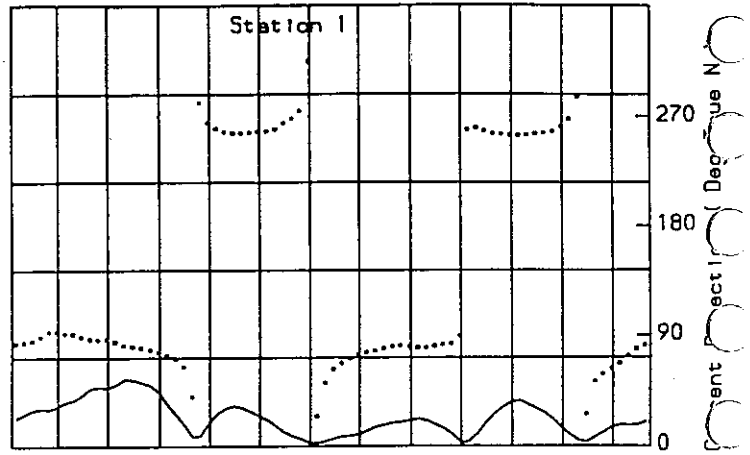
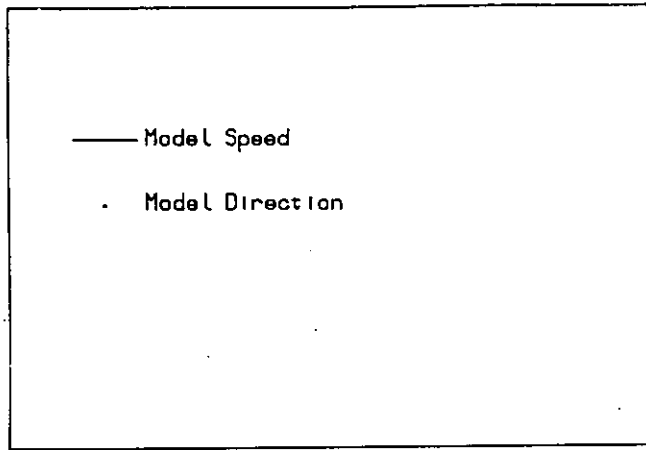
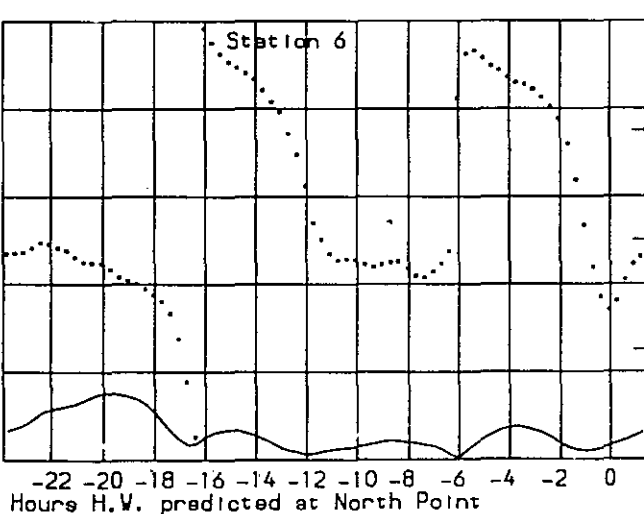
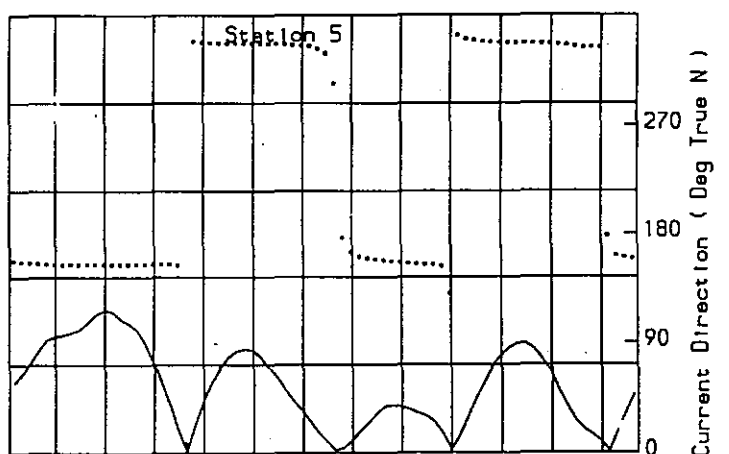
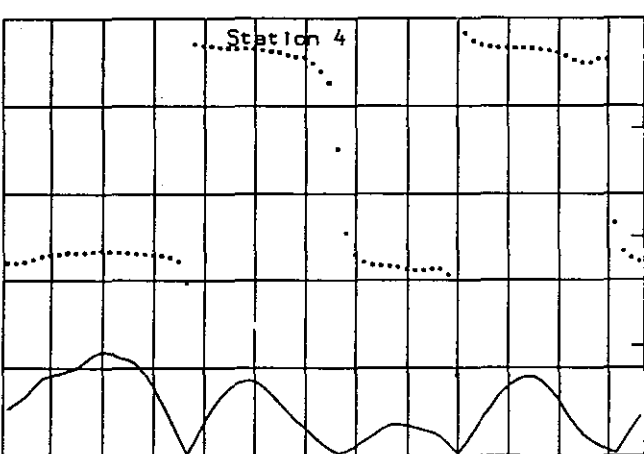
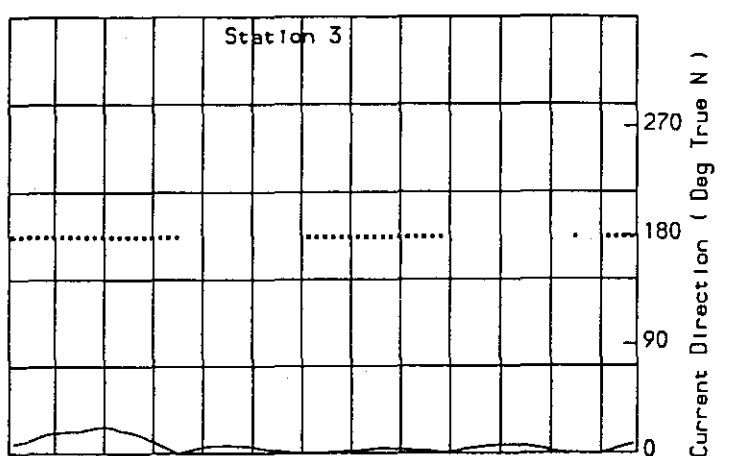
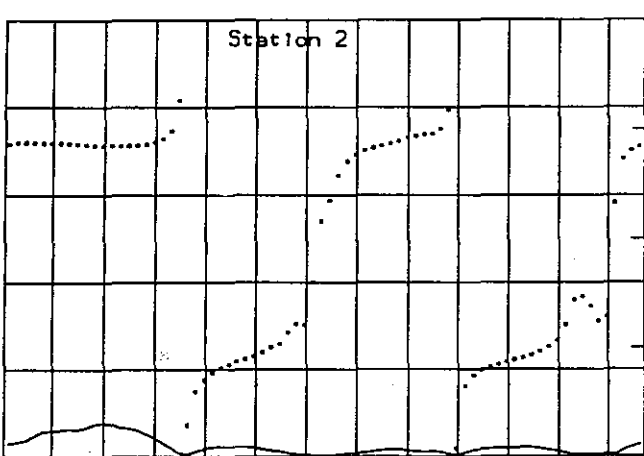
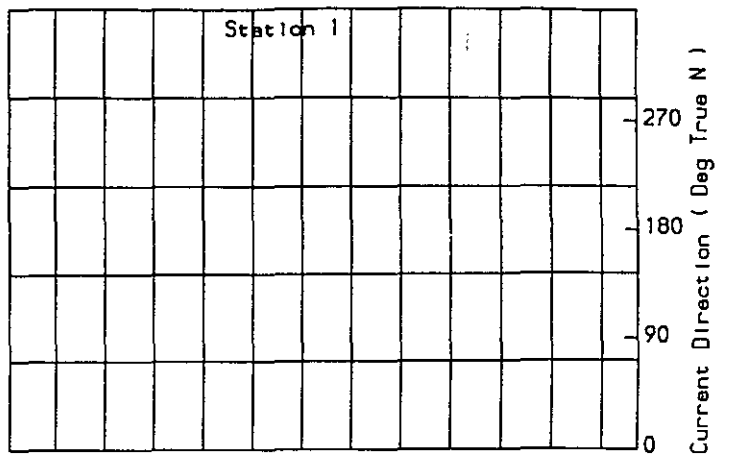
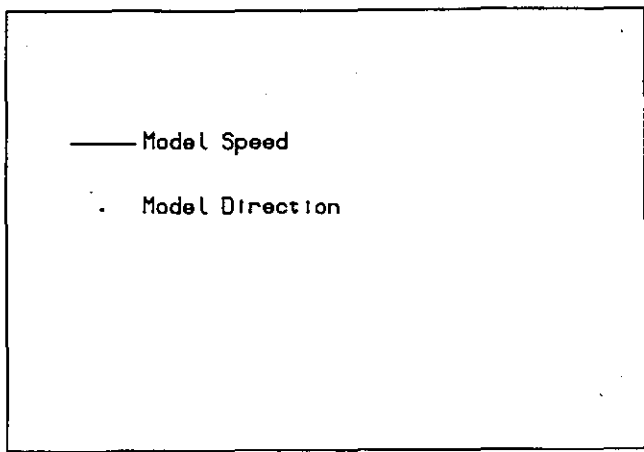


Fig 10b Green Island Reclamation - Case 3
 Dry season Neap tide - Lower layer



Hours H.W. predicted at North Point

Fig 10c Green Island Reclamation - Case 3
 Dry season Spring tide - Upper layer



Hours H.V. predicted at North Point

-22 -20 -18 -16 -14 -12 -10 -8 -6 -4 -2 0

Fig 10d. Green Island Reclamation - Case 3
 Dry season Spring tide - Lower layer

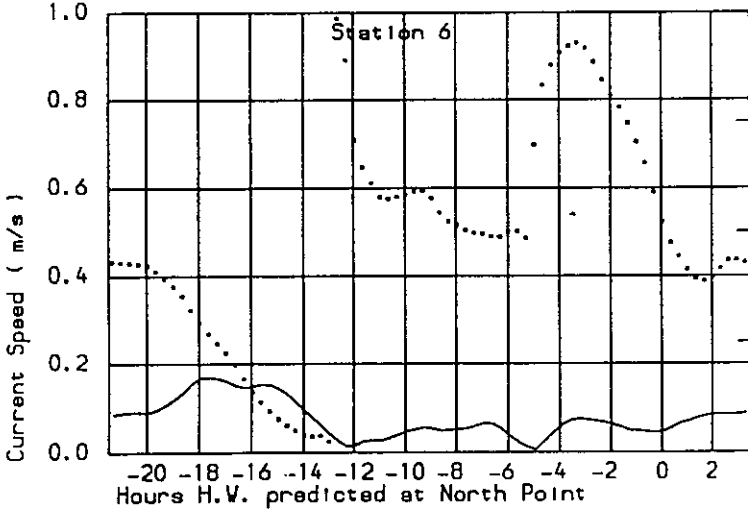
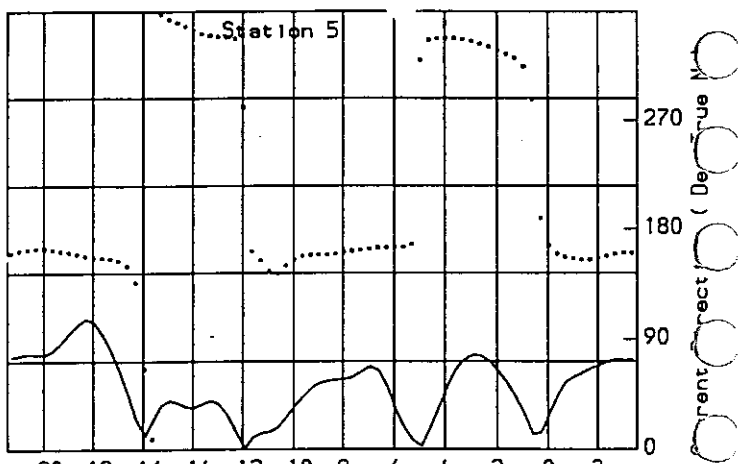
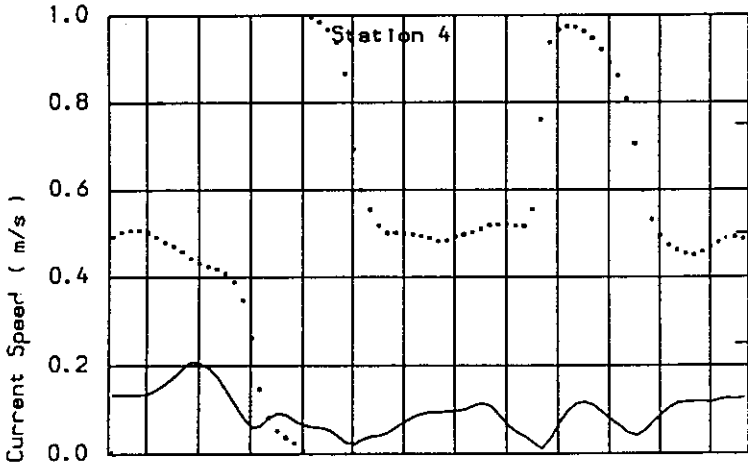
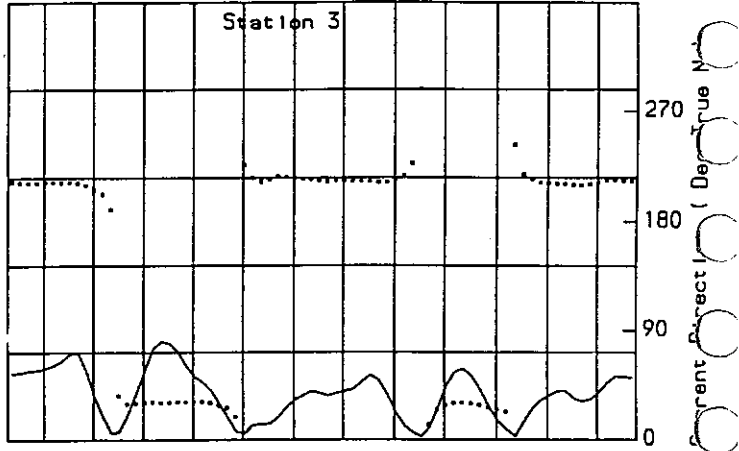
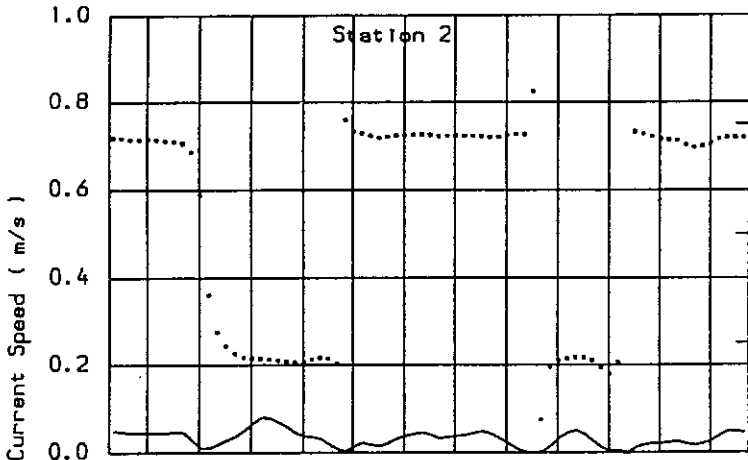
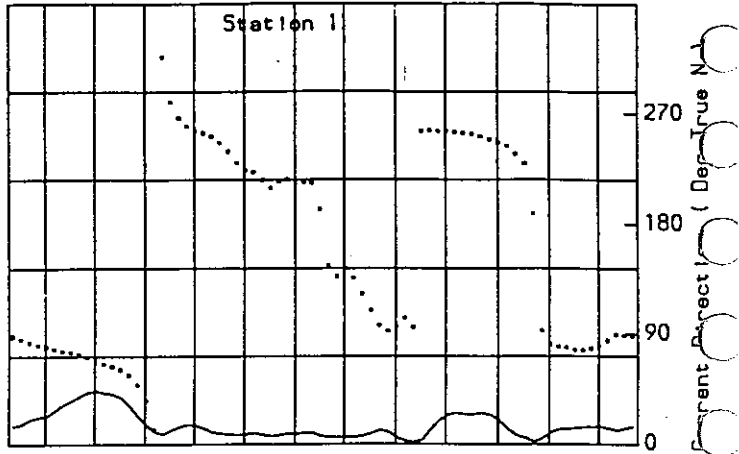
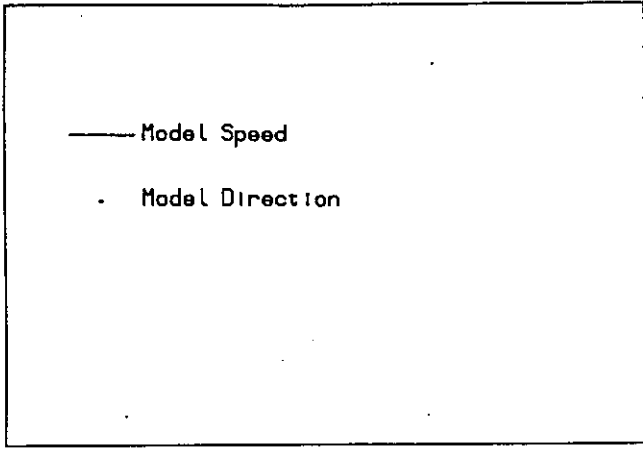
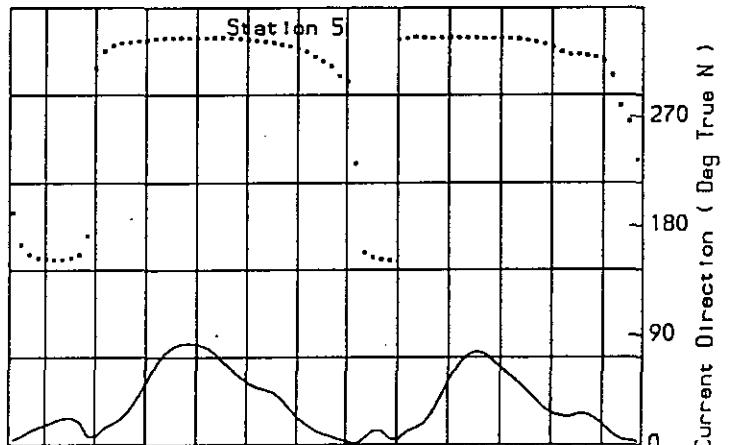
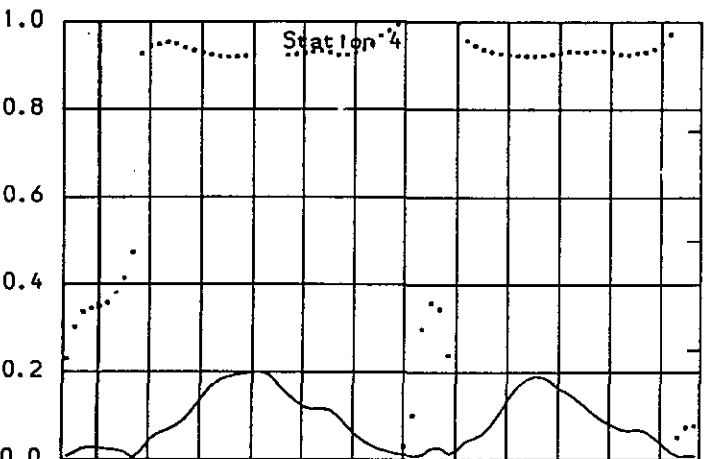
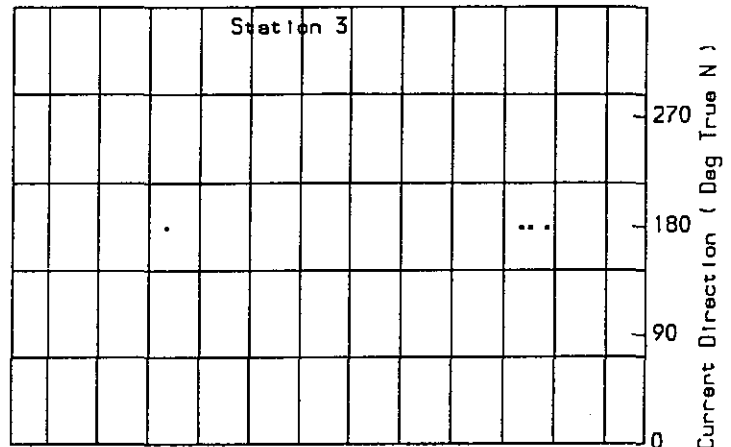
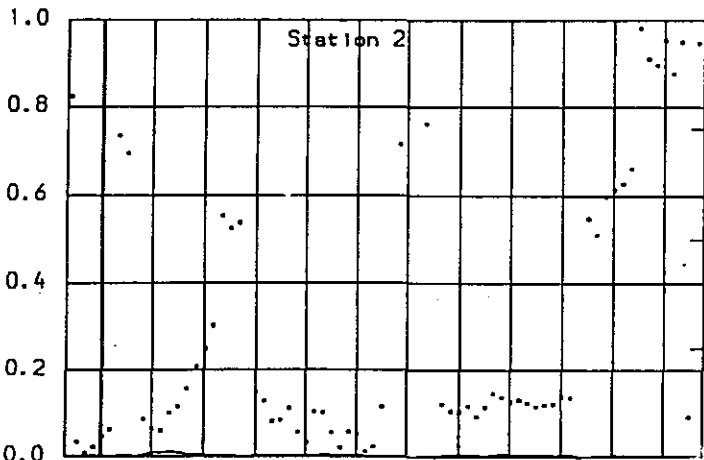
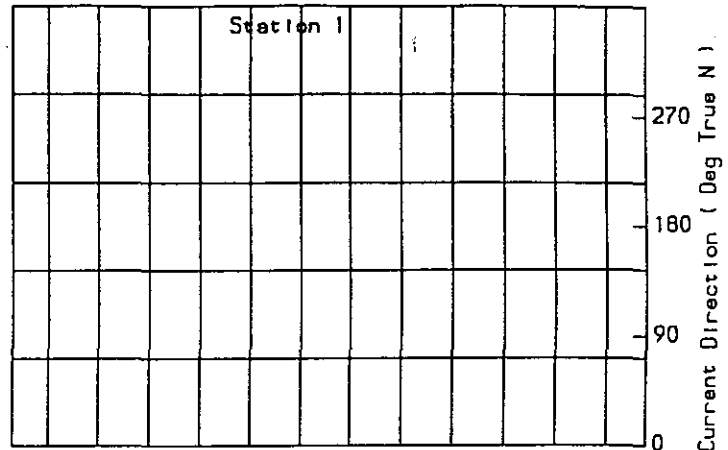
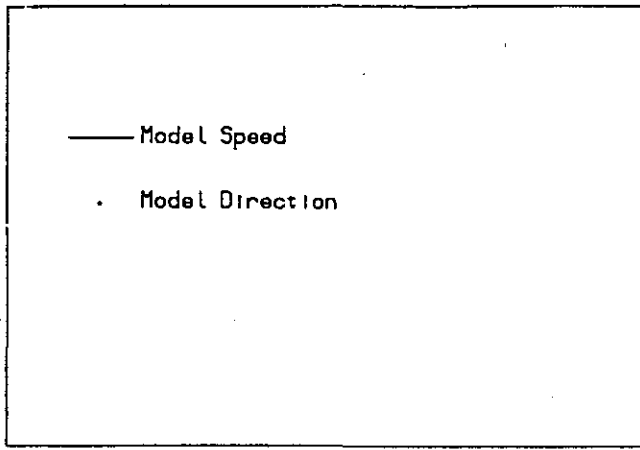


Fig 10e Green Island Reclamation - Case 3
 Wet season Neap tide - Upper layer



-20 -18 -16 -14 -12 -10 -8 -6 -4 -2 0 2
Hours H.V. predicted at North Point

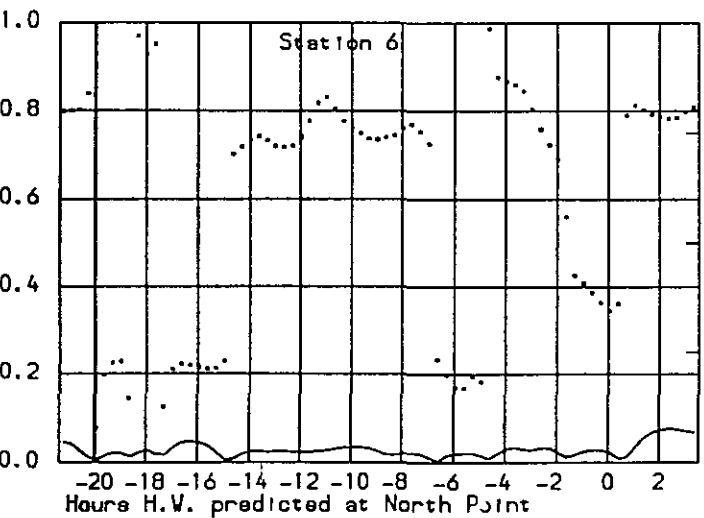
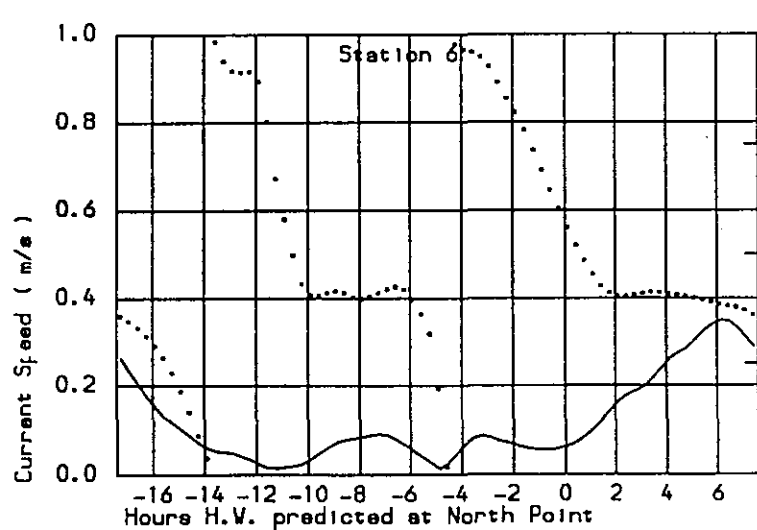
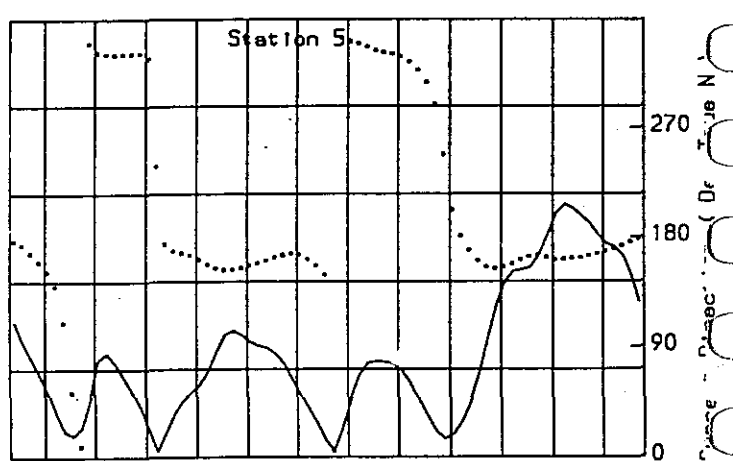
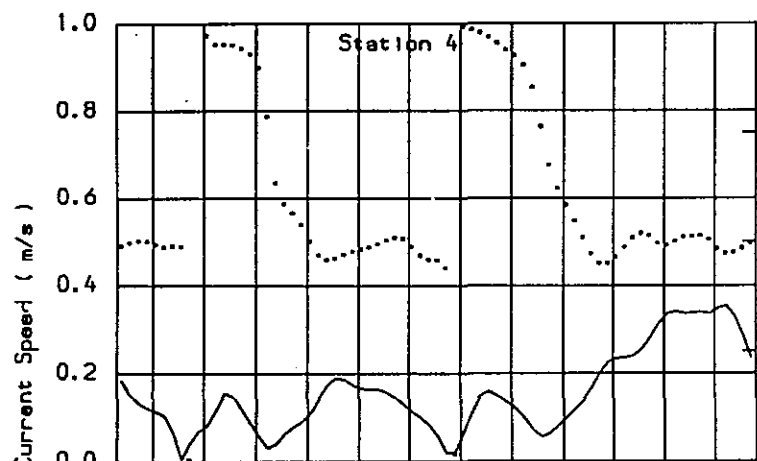
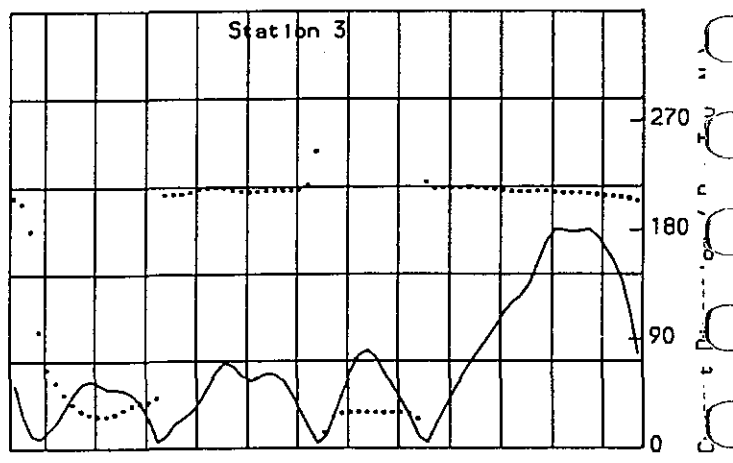
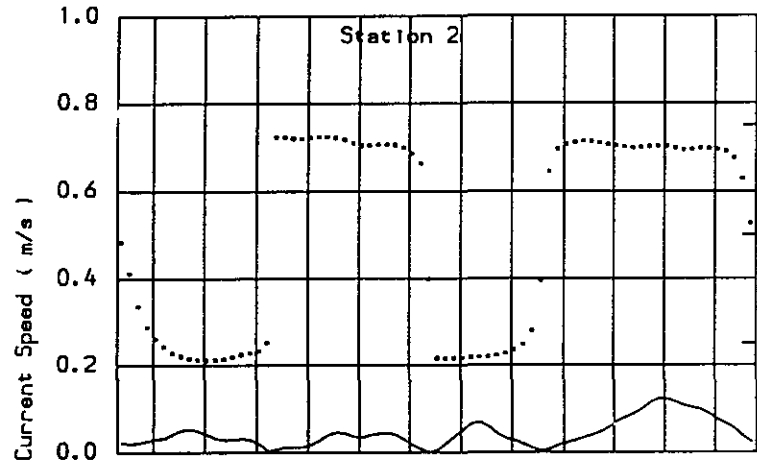
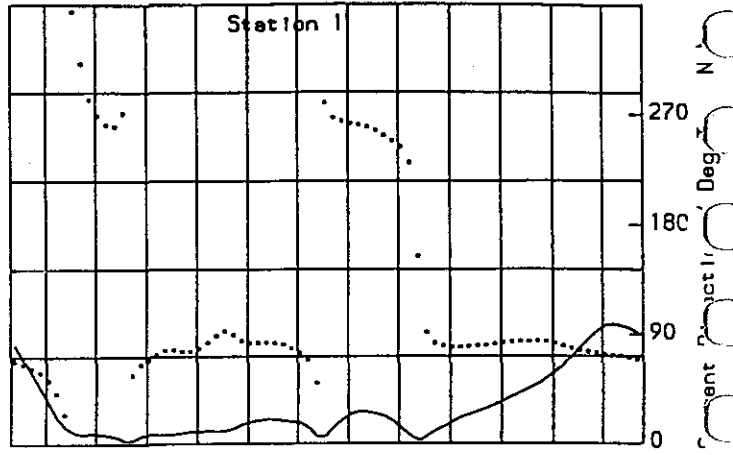
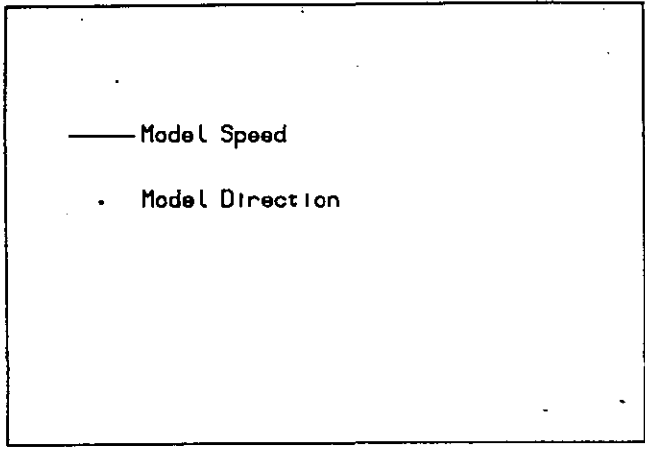
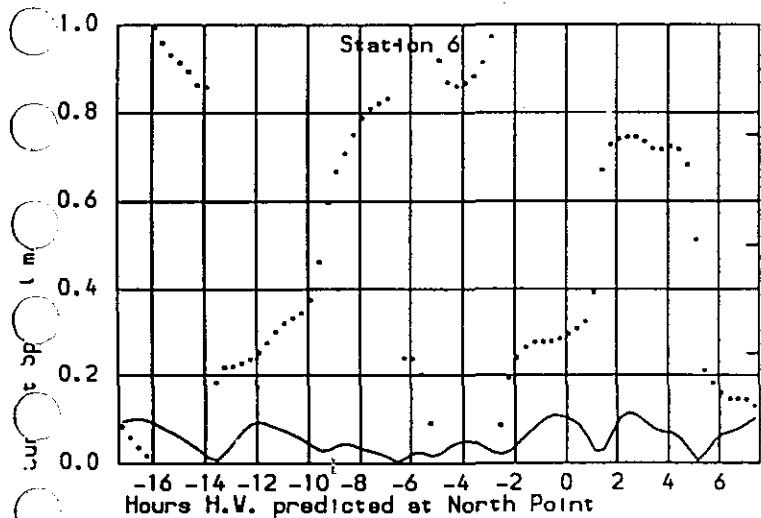
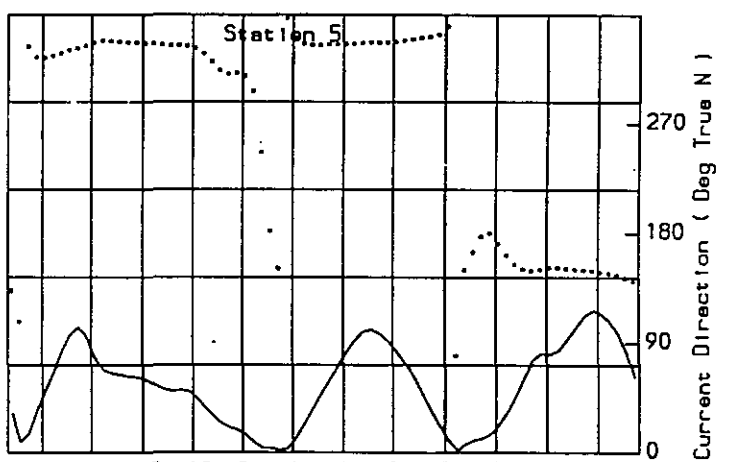
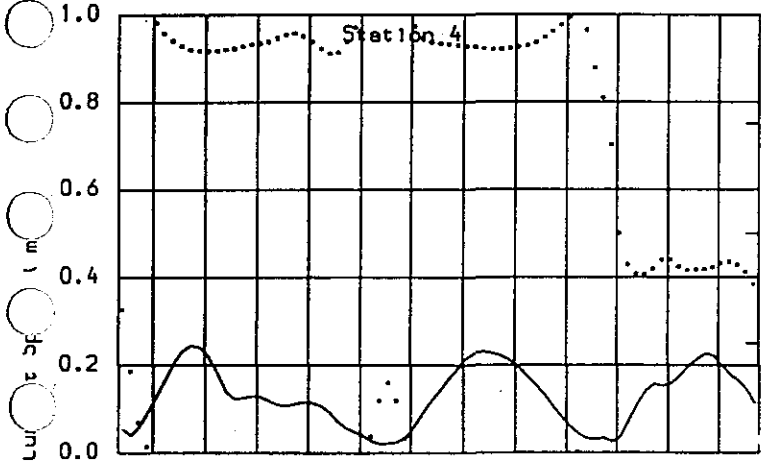
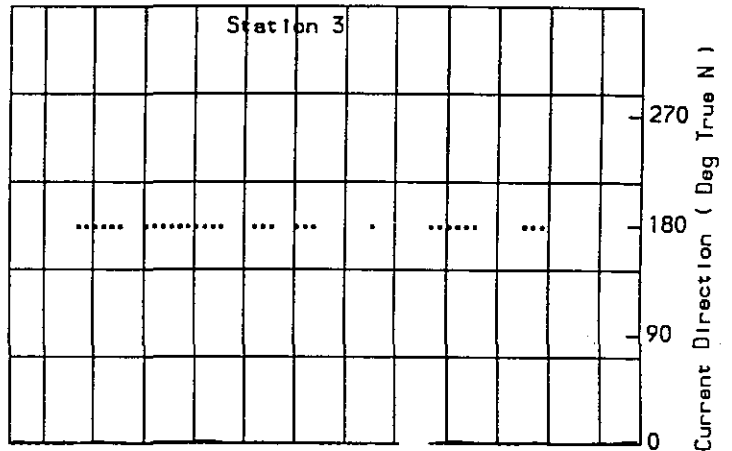
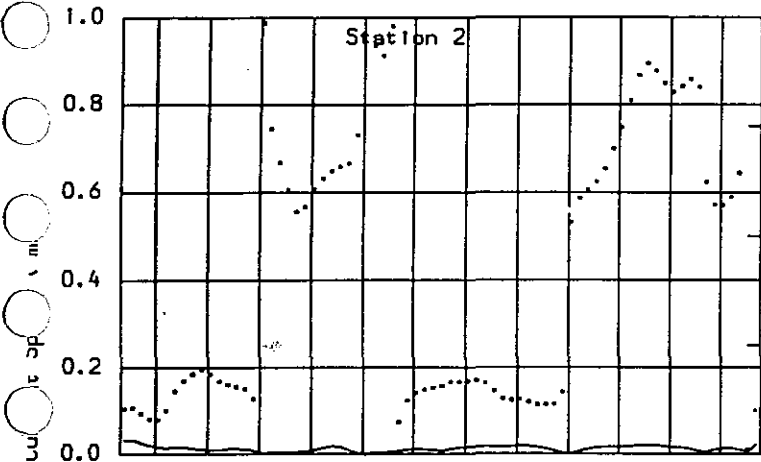
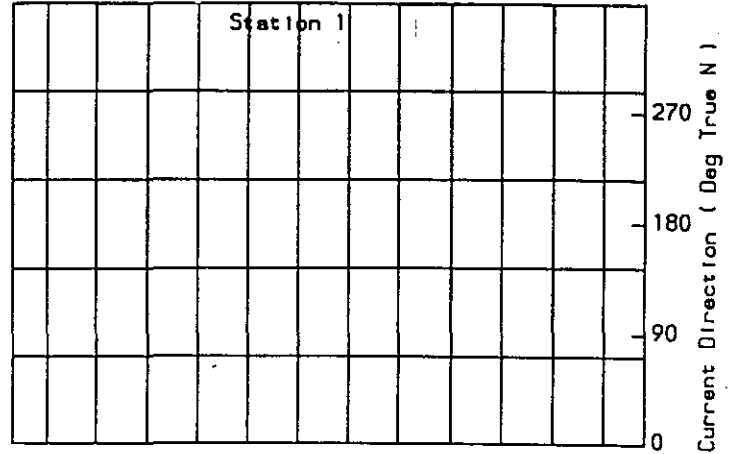
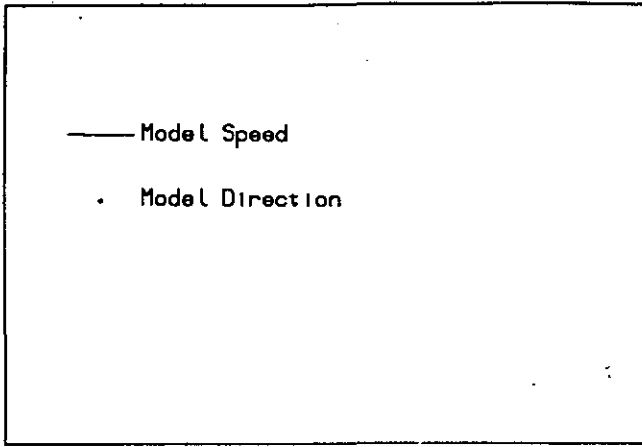


Fig 10f Green Island Reclamation - Case 3
Wet season Neap tide - Lower layer



Hours H.V. predicted at North Point

Fig 10g Green Island Reclamation - Case 3
 Wet season Spring tide - Upper layer



Hours H.V. predicted at North Point

-16 -14 -12 -10 -8 -6 -4 -2 0 2 4 6

Fig 10h Green Island Reclamation - Case 3
Wet season Spring tide - Lower layer

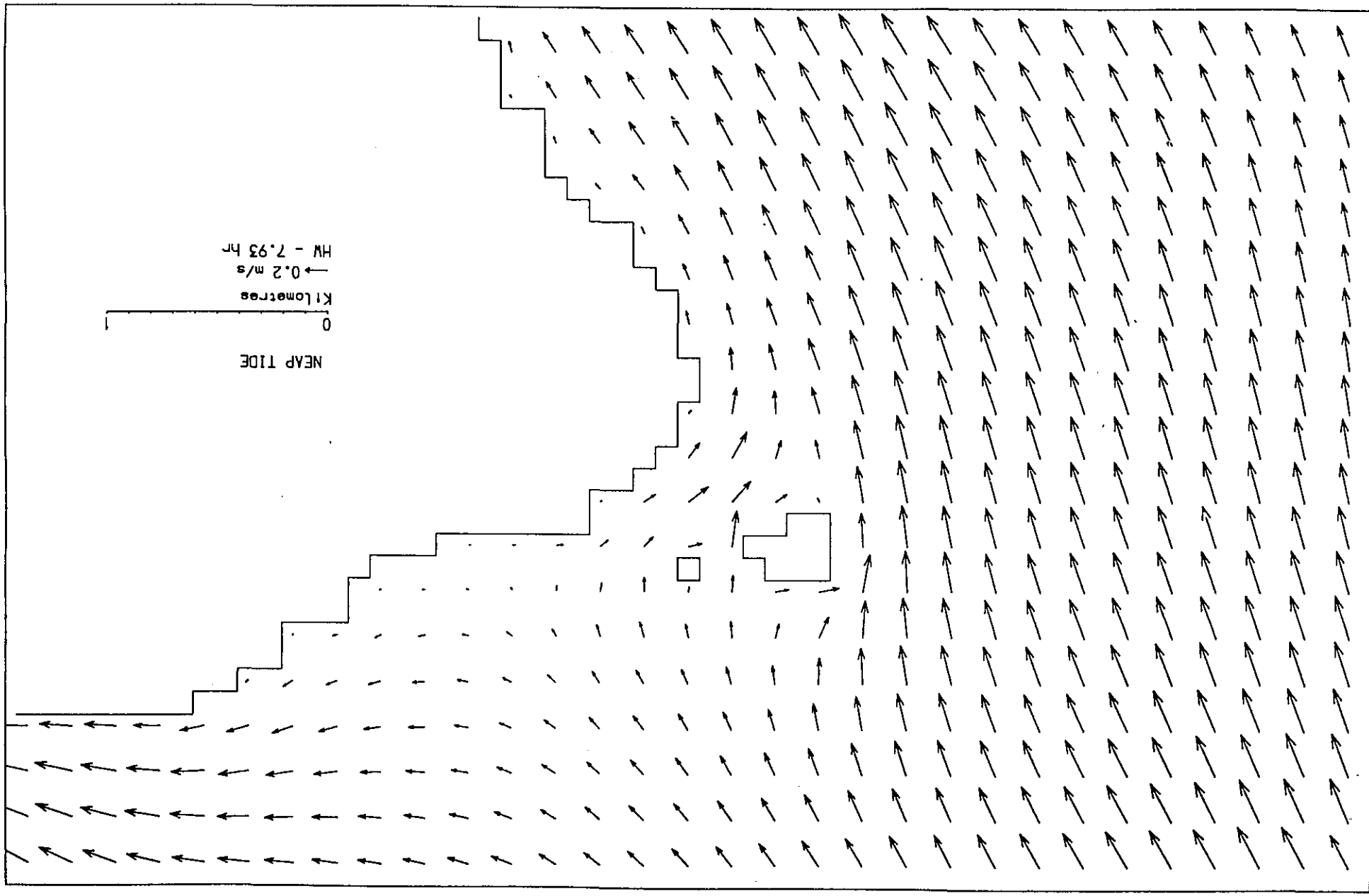


Fig 1(a) Green Island Reclamation - Case 3
Dry season Near Fbh - Upper layer

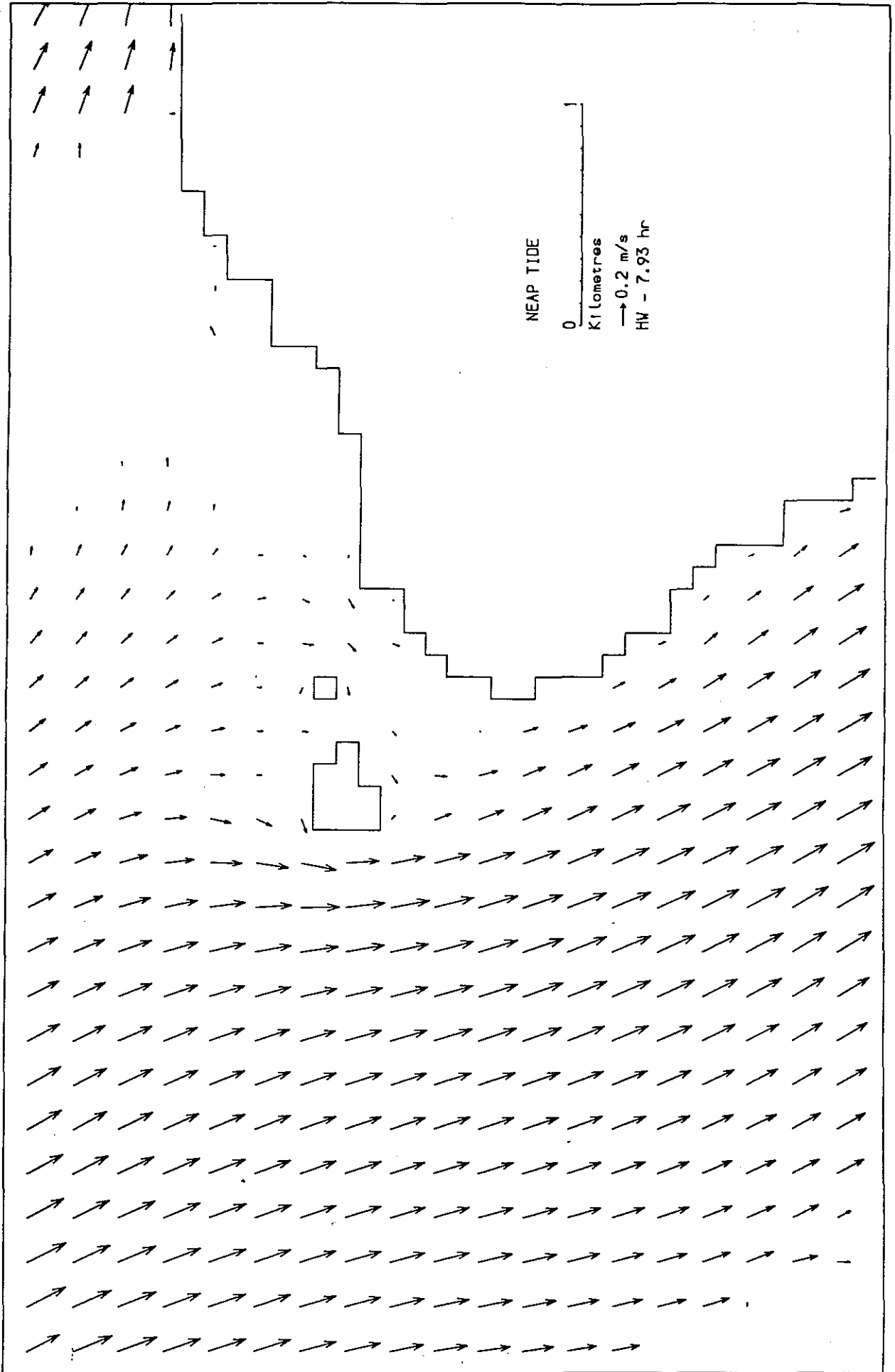


Fig 11b Green Island Reclamation - Case 3
 Dry season Neap Ebb - Lower layer

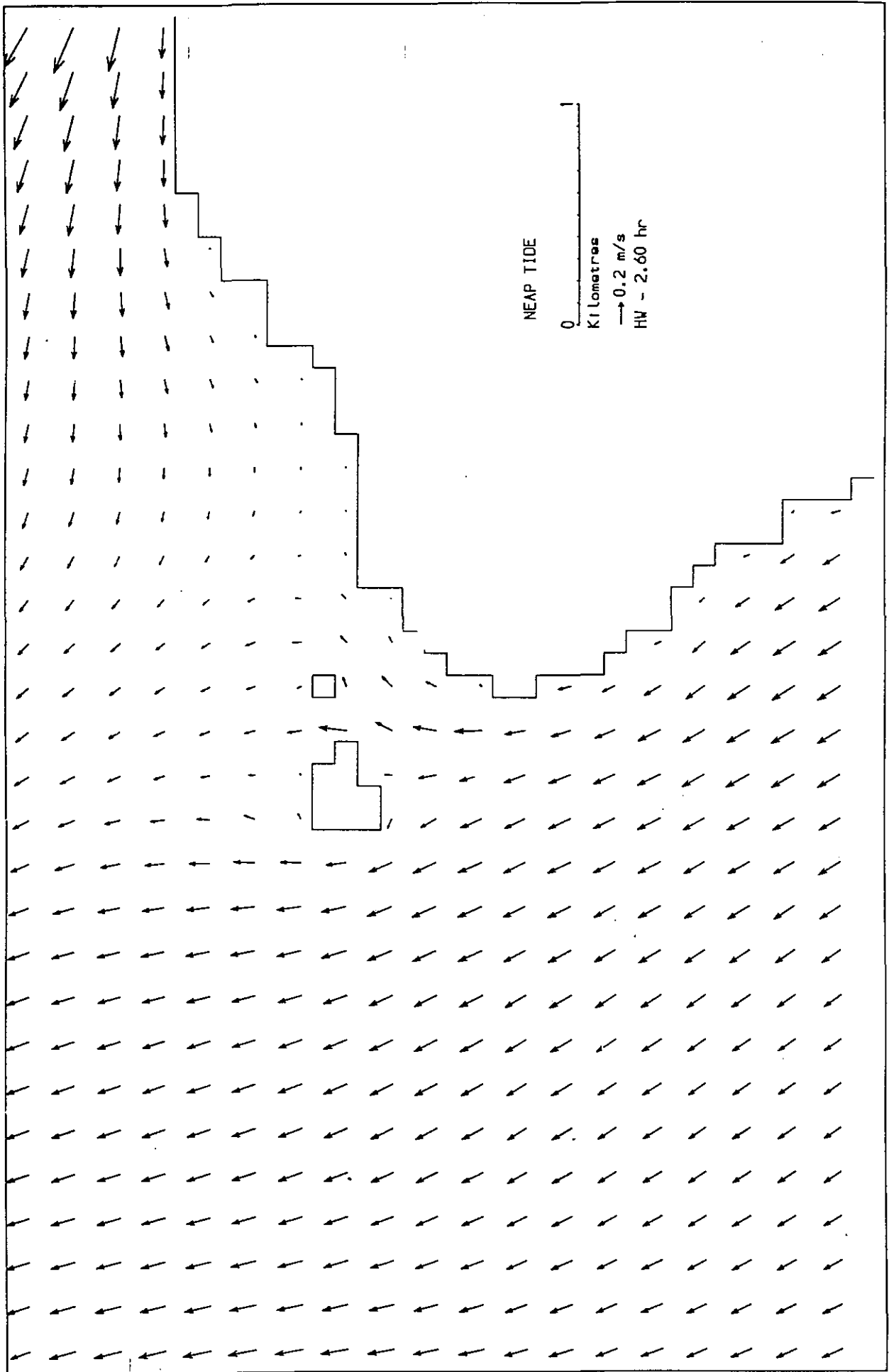


Fig 11c Green Island Reclamation - Case 3
Dry season Neap Flood - Upper layer

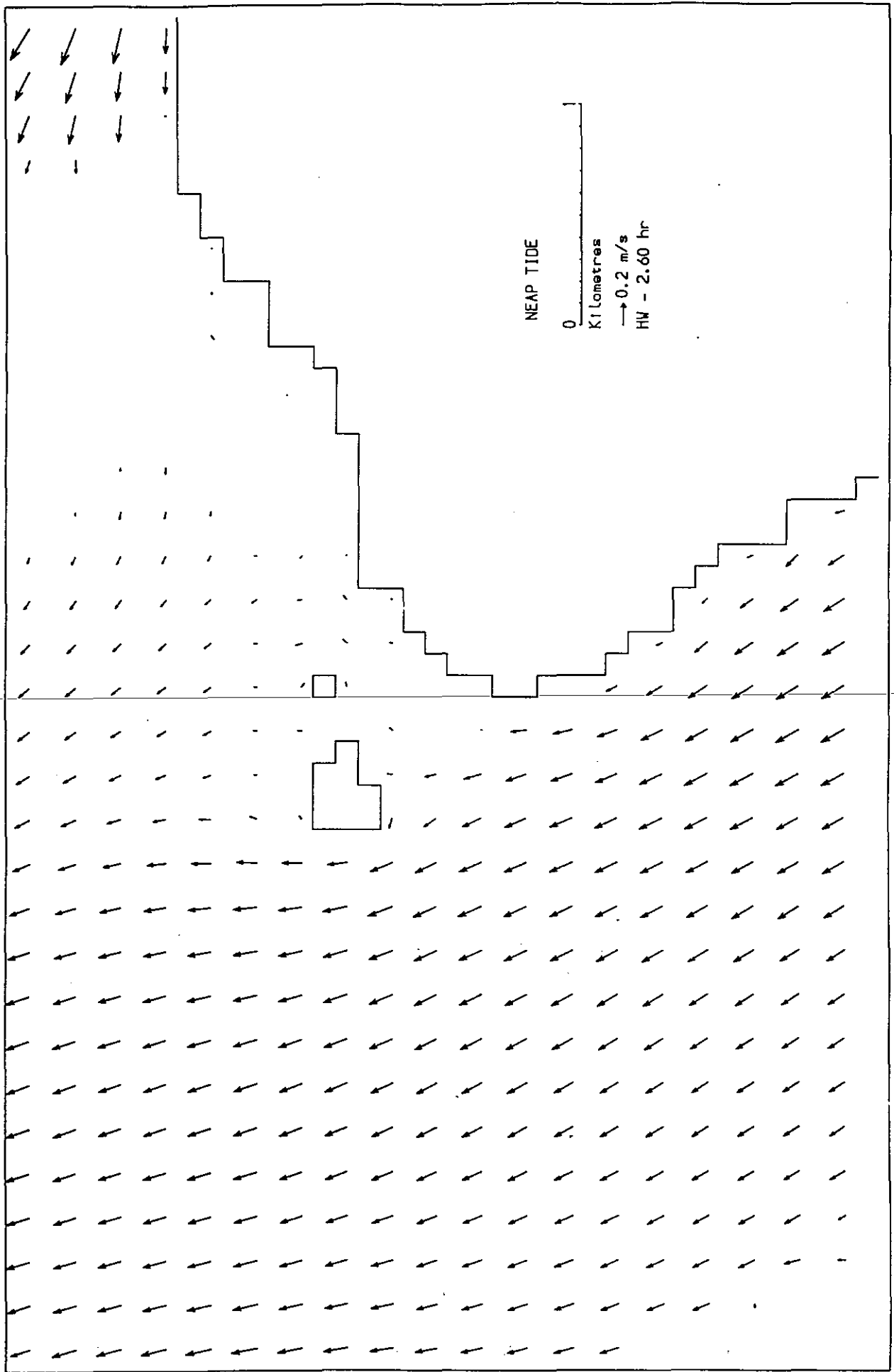


Fig 11d Green Island Reclamation - Case 3
 Dry season Neap Flood - Lower layer

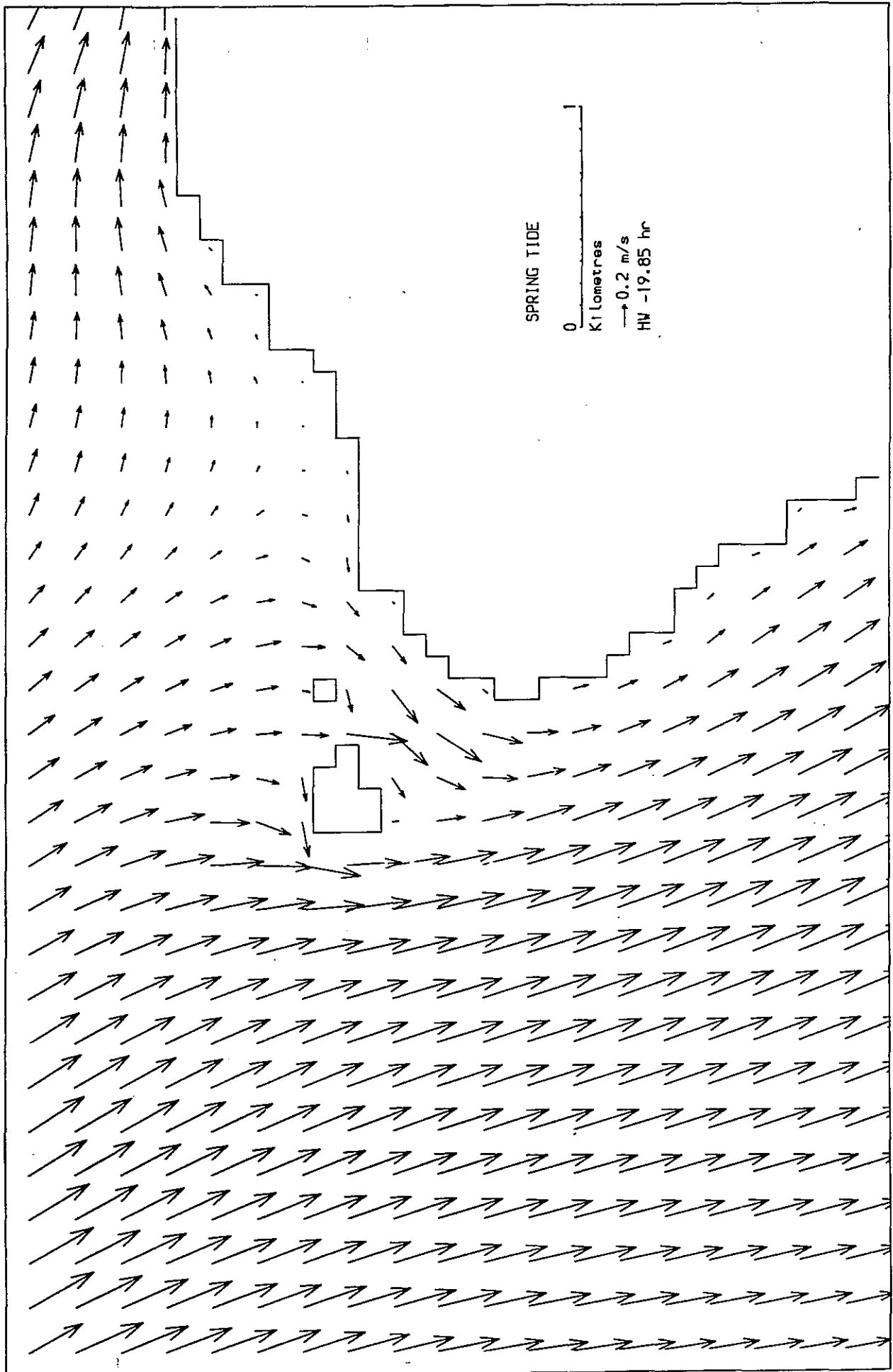


Fig 11e Green Island Reclamation - Case 3
 Dry season Spring Ebb - Upper layer

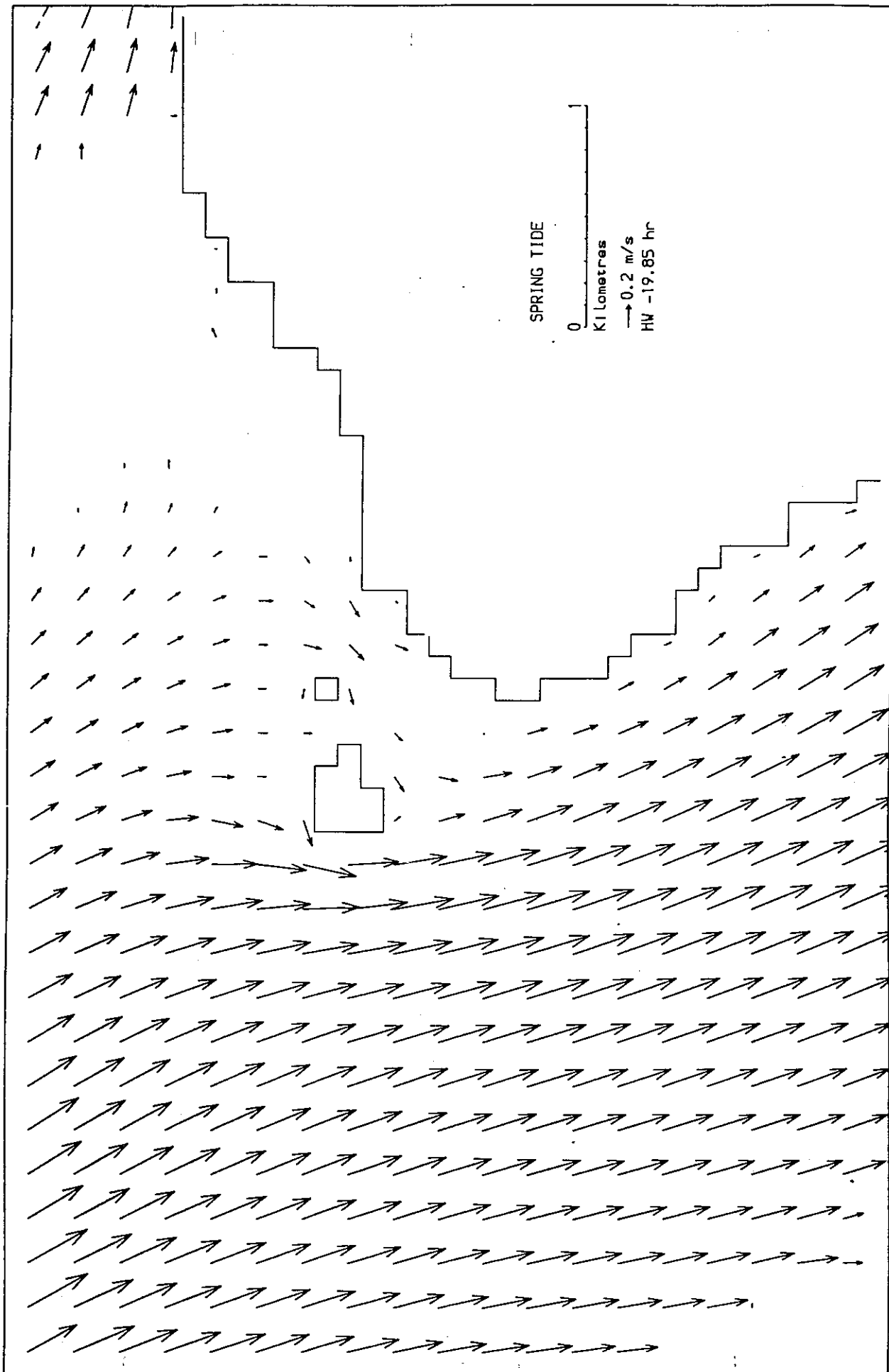


Fig 11f Green Island Reclamation - Case 3
 Dry season Spring Ebb - Lower layer

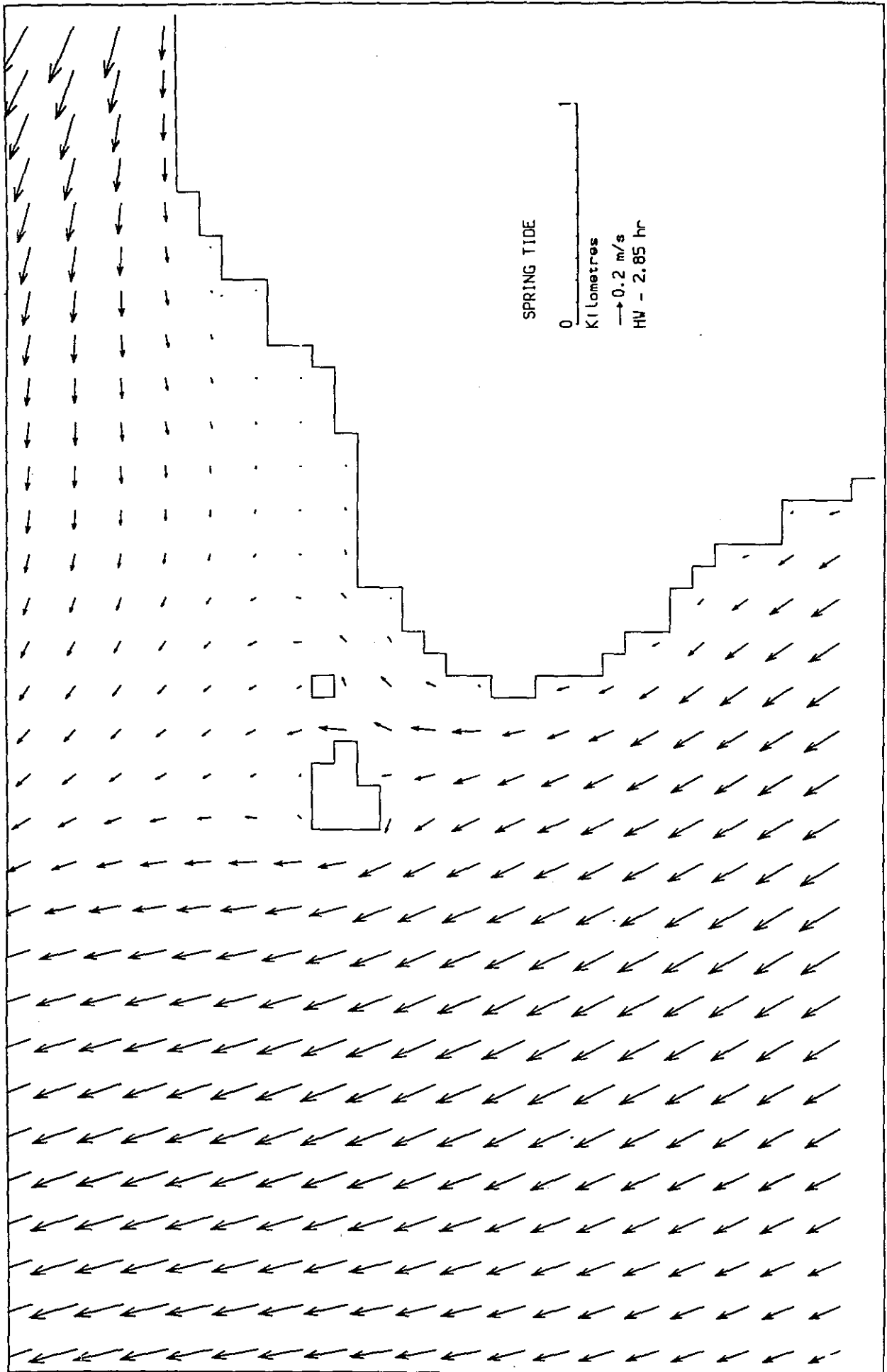


Fig 11g: Green Island Reclamation - Case 3
 Dry season Spring Flood - Upper layer

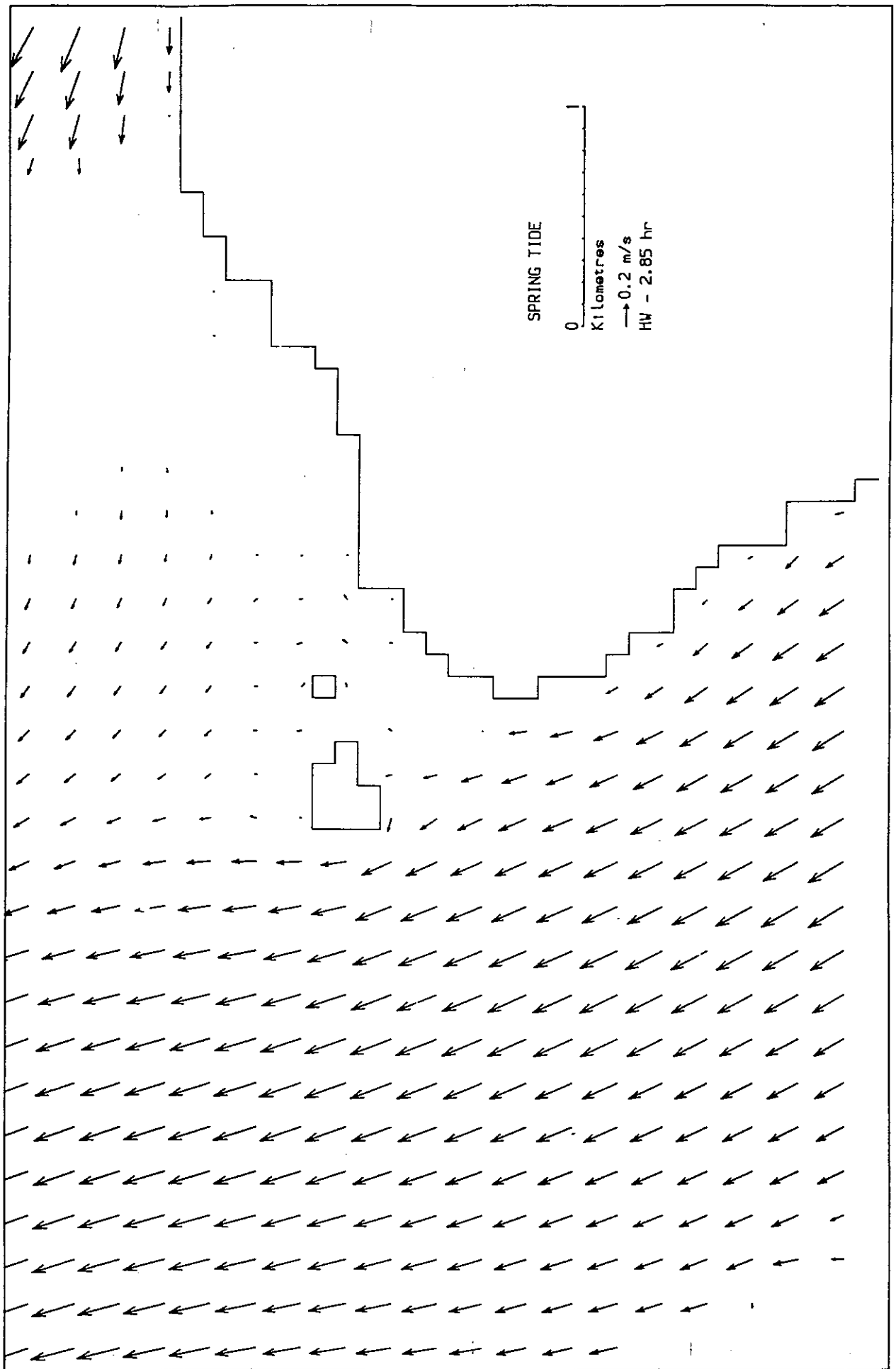


Fig 11h Green Island Reclamation - Case 3
 Dry season Spring Flood - Lower layer

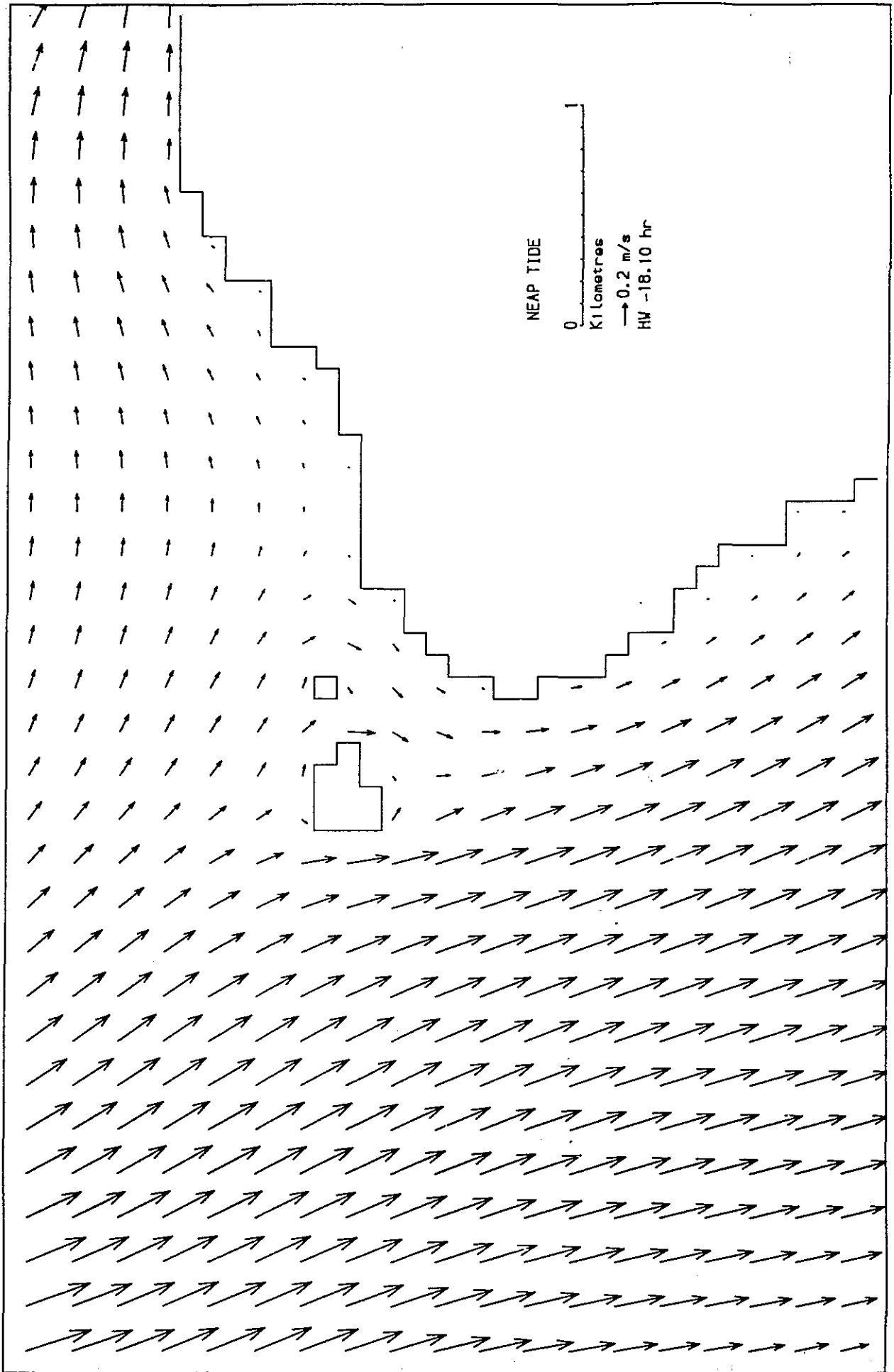


Fig 11c Green Island Reclamation - Case 3
Wet season Neap Ebb - Upper layer

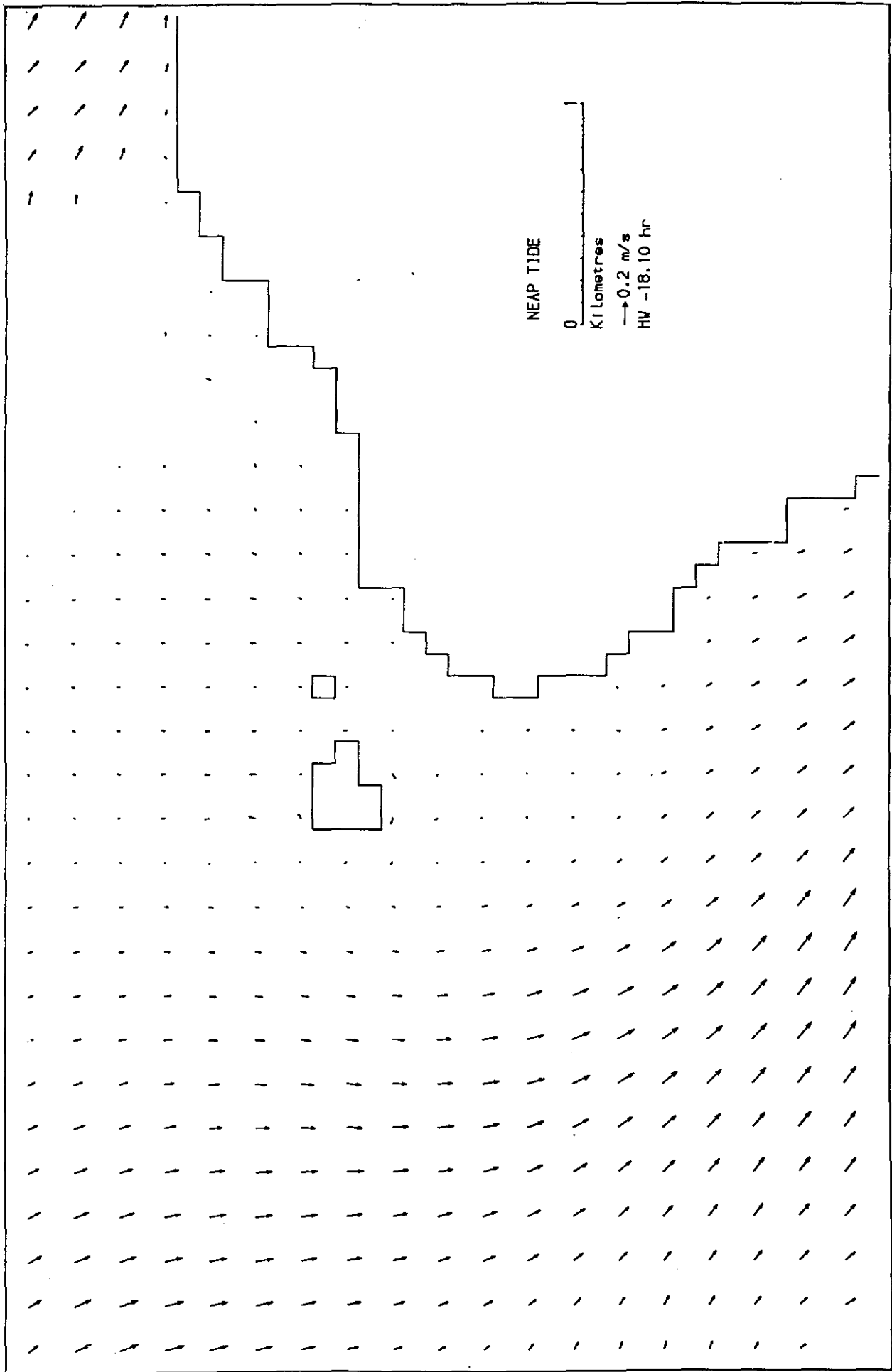
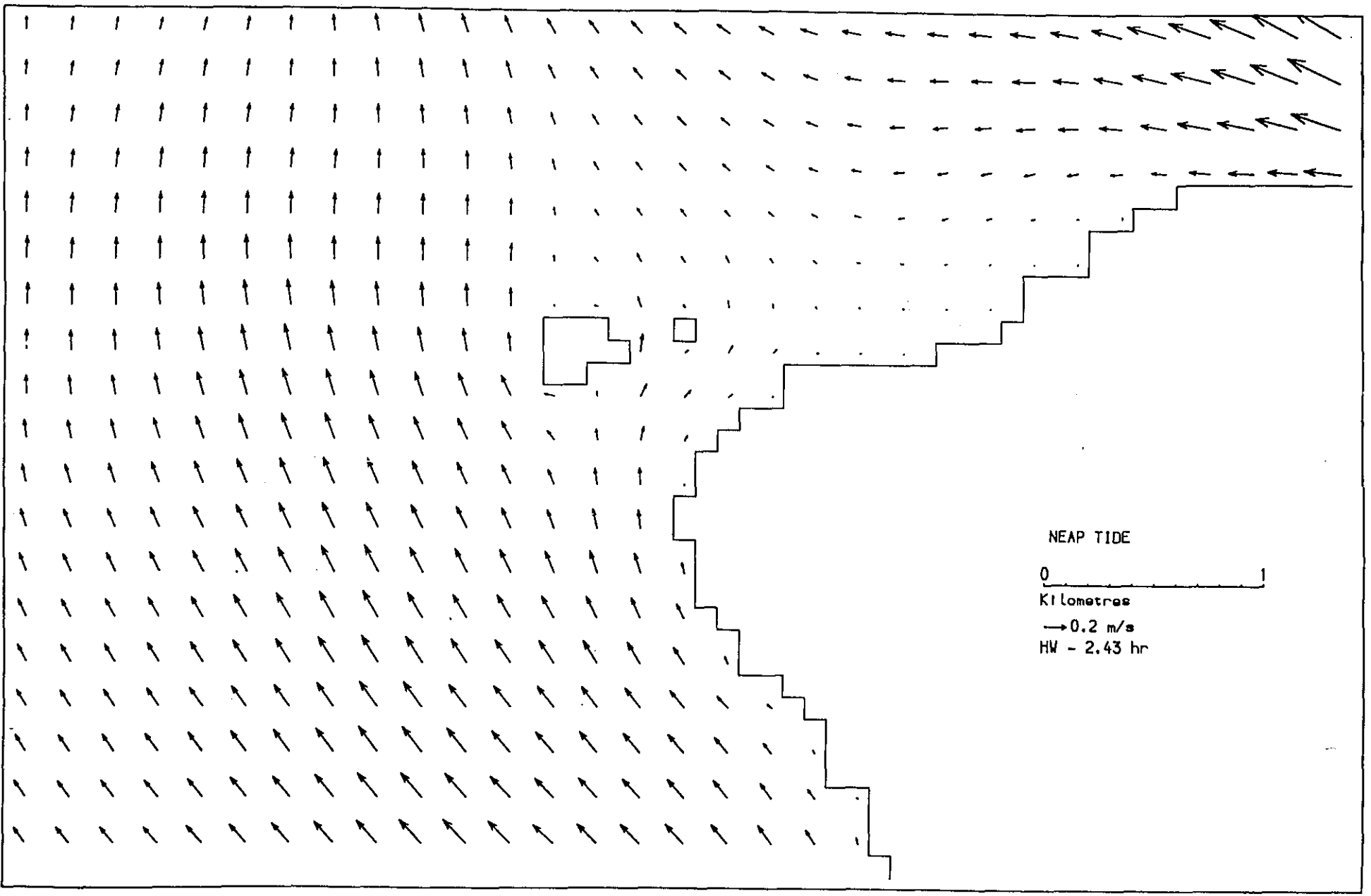


Fig 11j Green Island Reclamation - Case 3
Wet season Neap Ebb - Lower layer

Fig 11K Green Island Reclamation - Case 3
Wet season Neap Flood - Upper layer



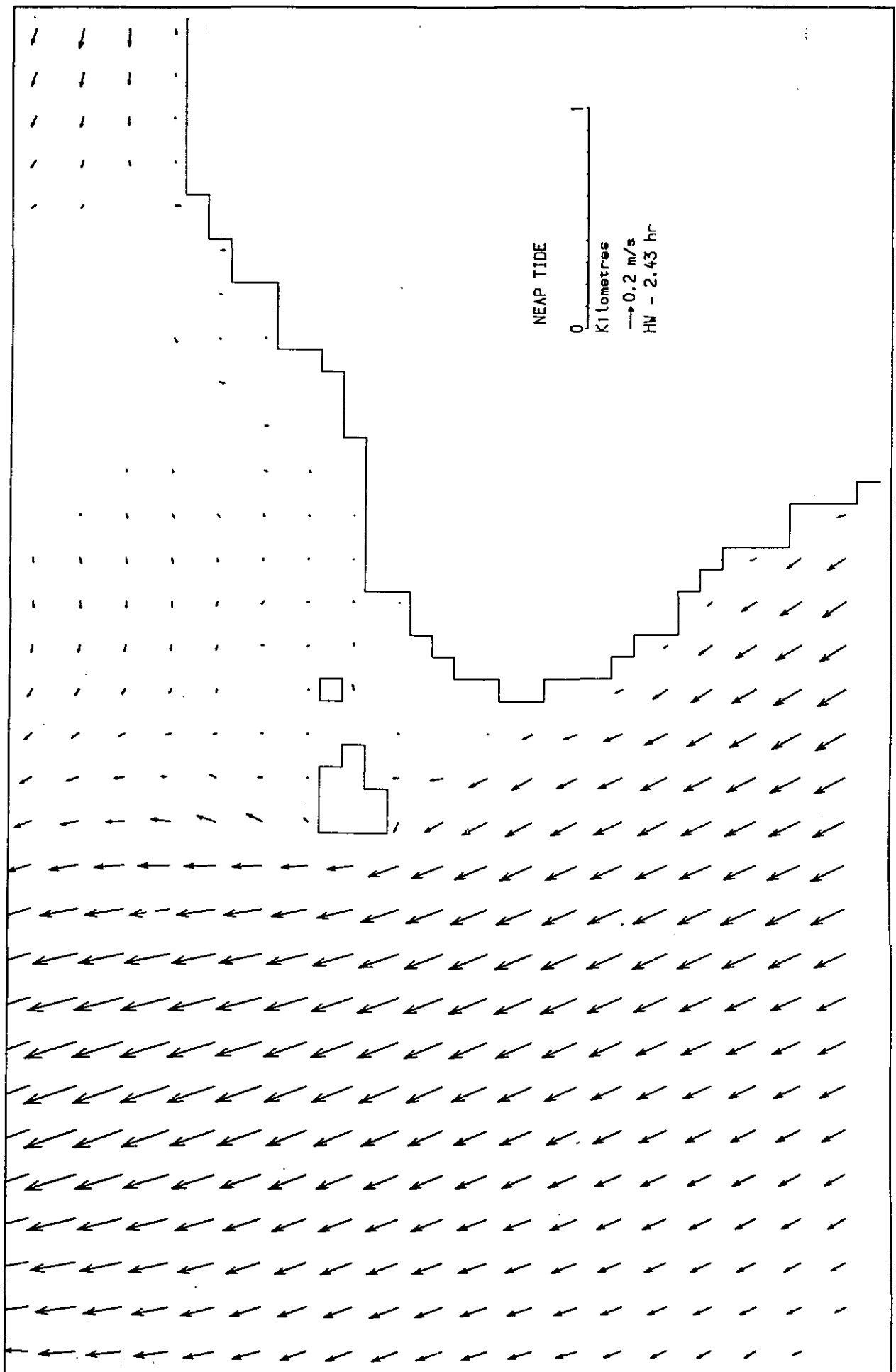


Fig 11 Green Island Reclamation - Case 3
Wet season Neap Flood - Lower layer

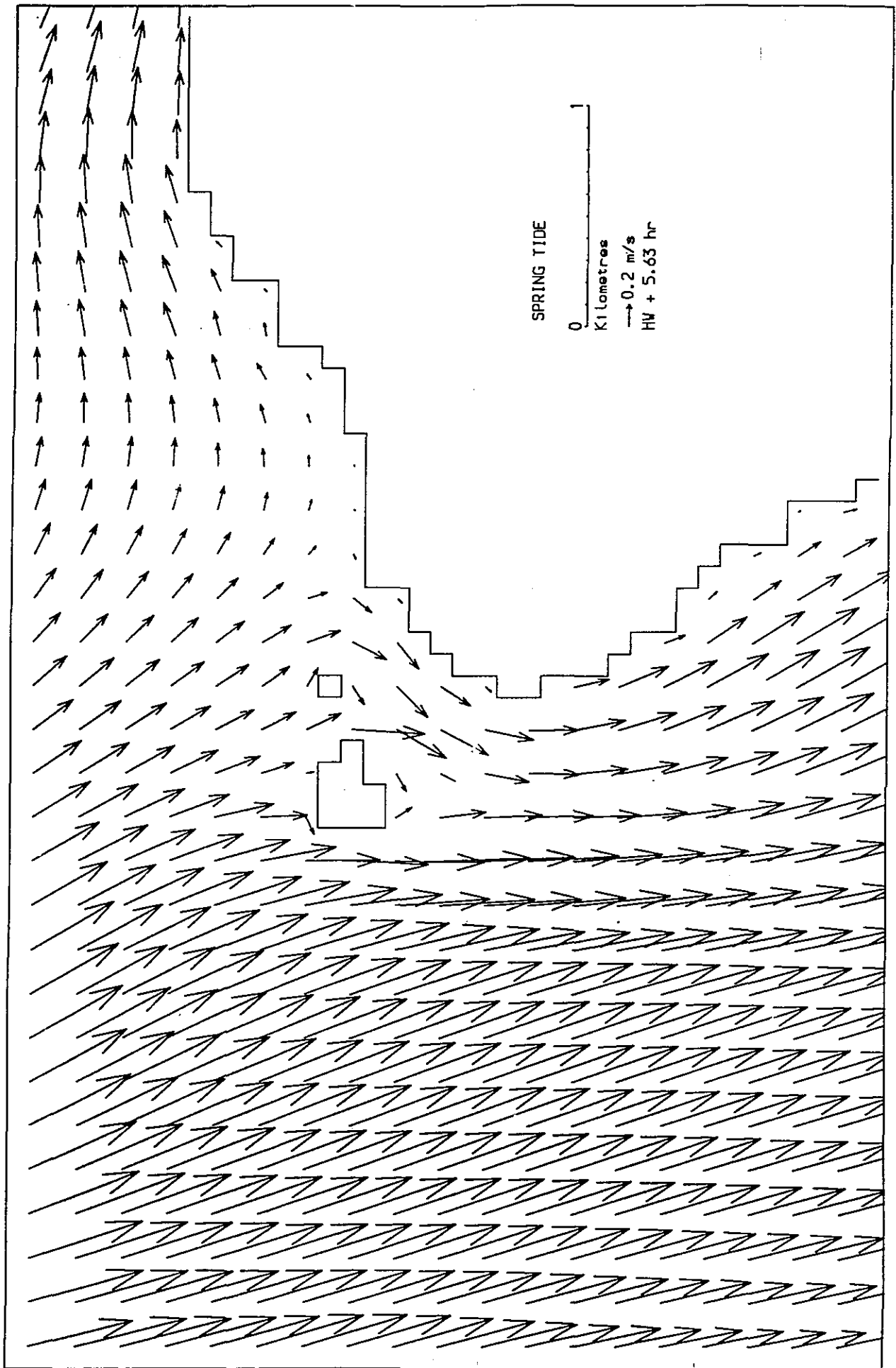


Fig 11m Green Island Reclamation - Case 3
Wet season Spring Ebb - Upper layer

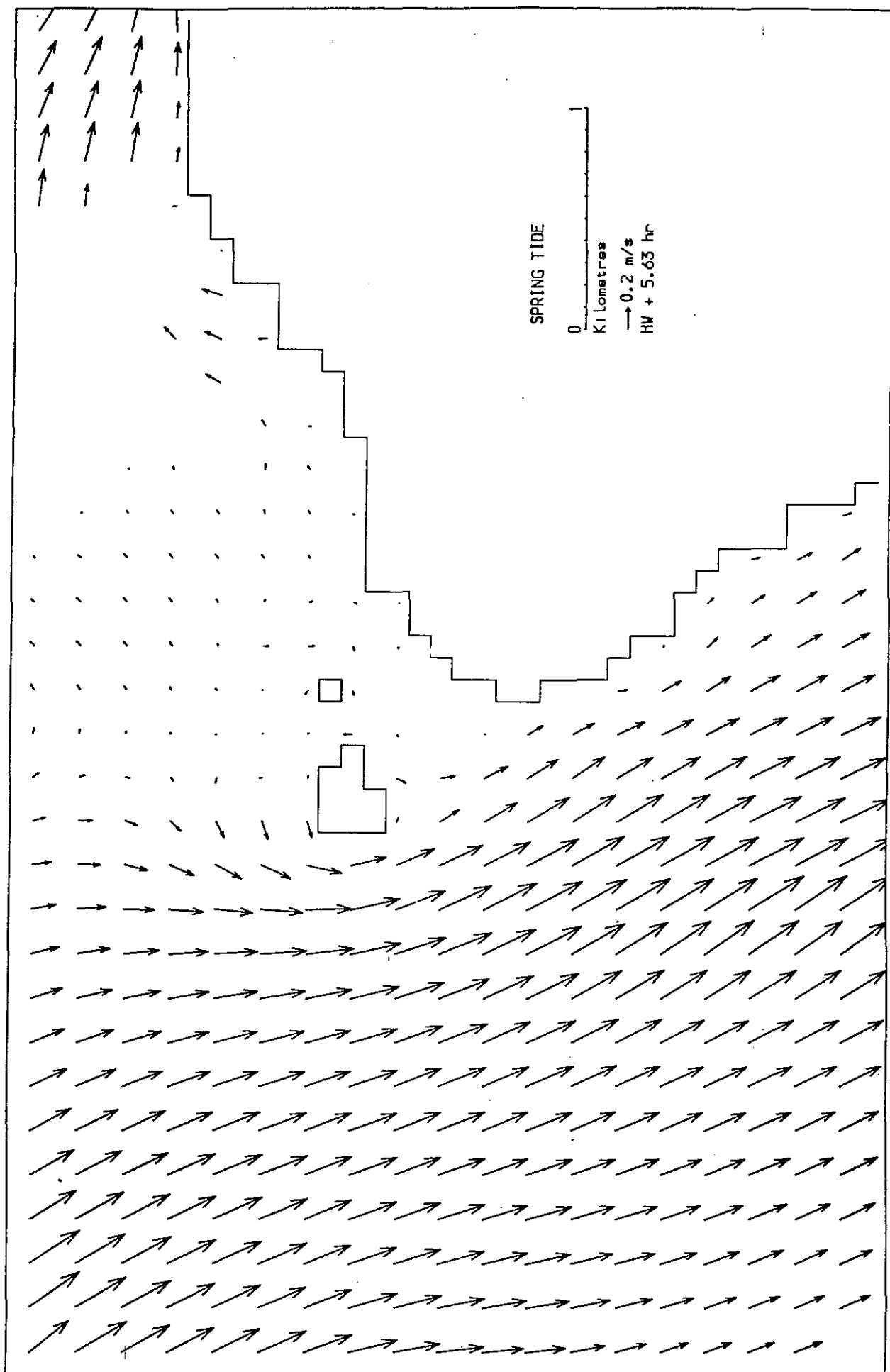
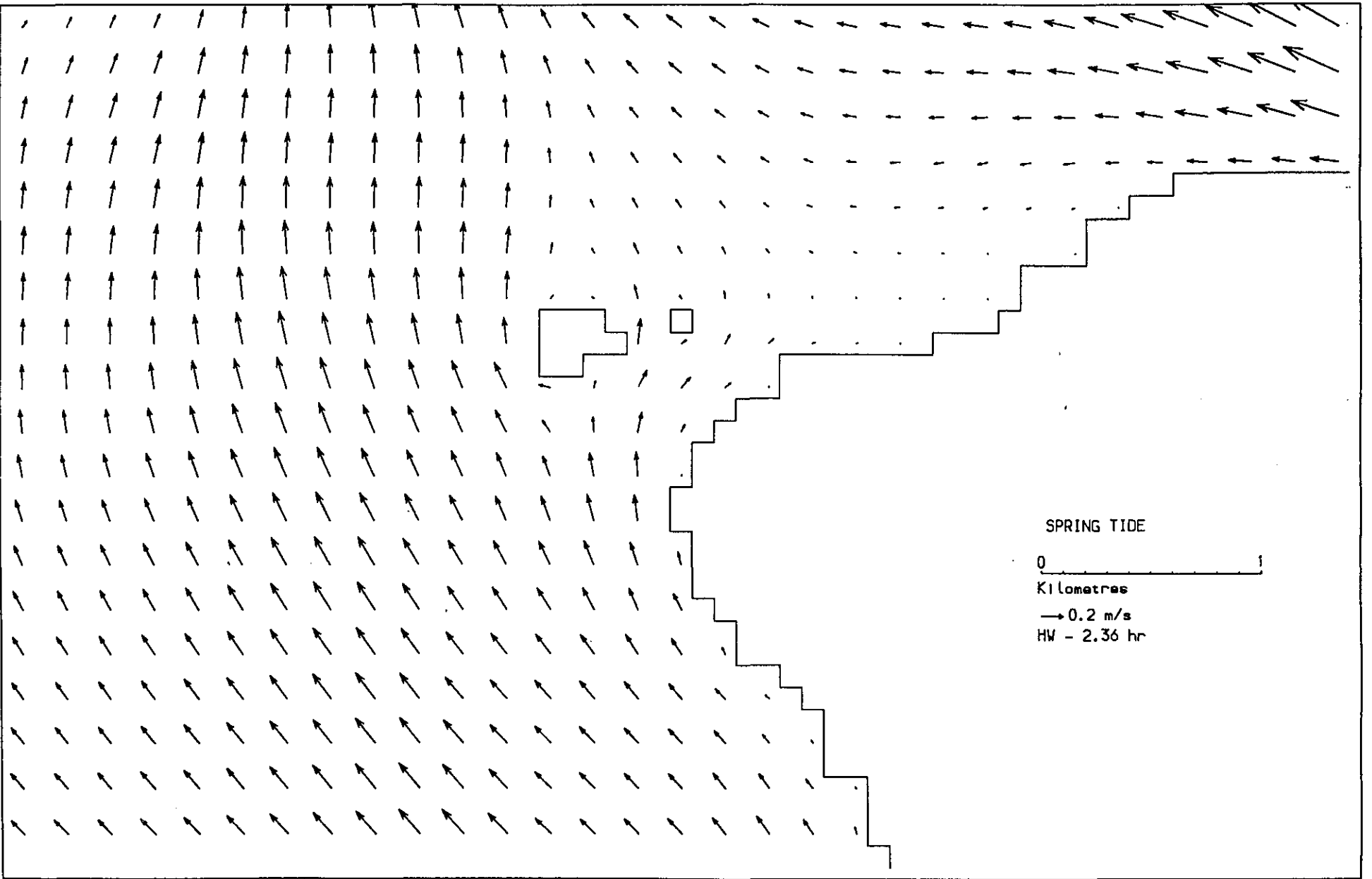


Fig 11a Green Island Reclamation - Case 3
Wet season Spring Ebb - Lower layer

Fig 110 Green Island Reclamation - Case 3
Wet season Spring Flood - Upper layer



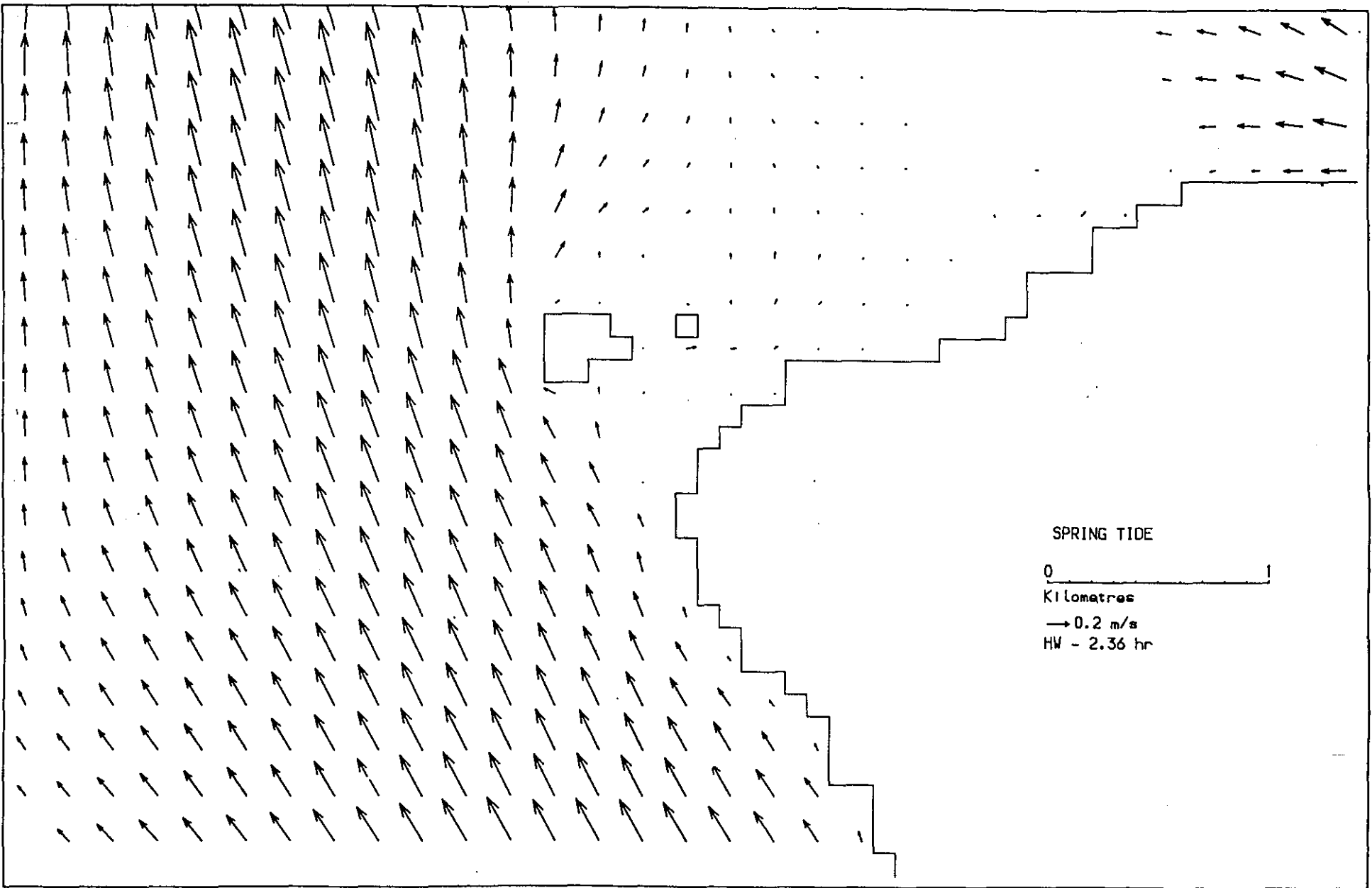


Fig 11p Green Island Reclamation - Case 3
Wet season Spring Flood - Lower layer

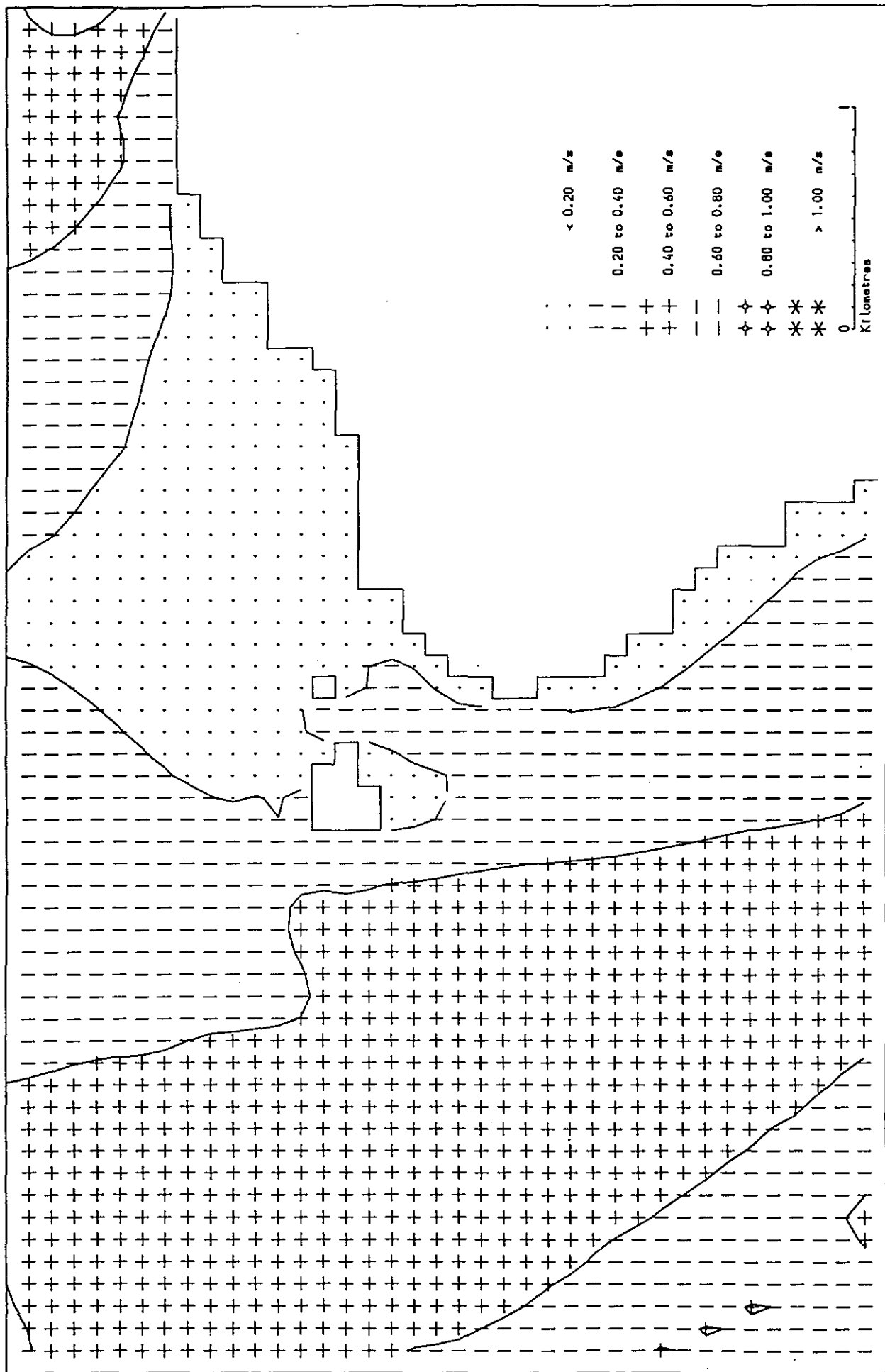


Fig 12 a Green Island Reclamation - Upper layer
 Dry season Neap Peak Speed - Case 3

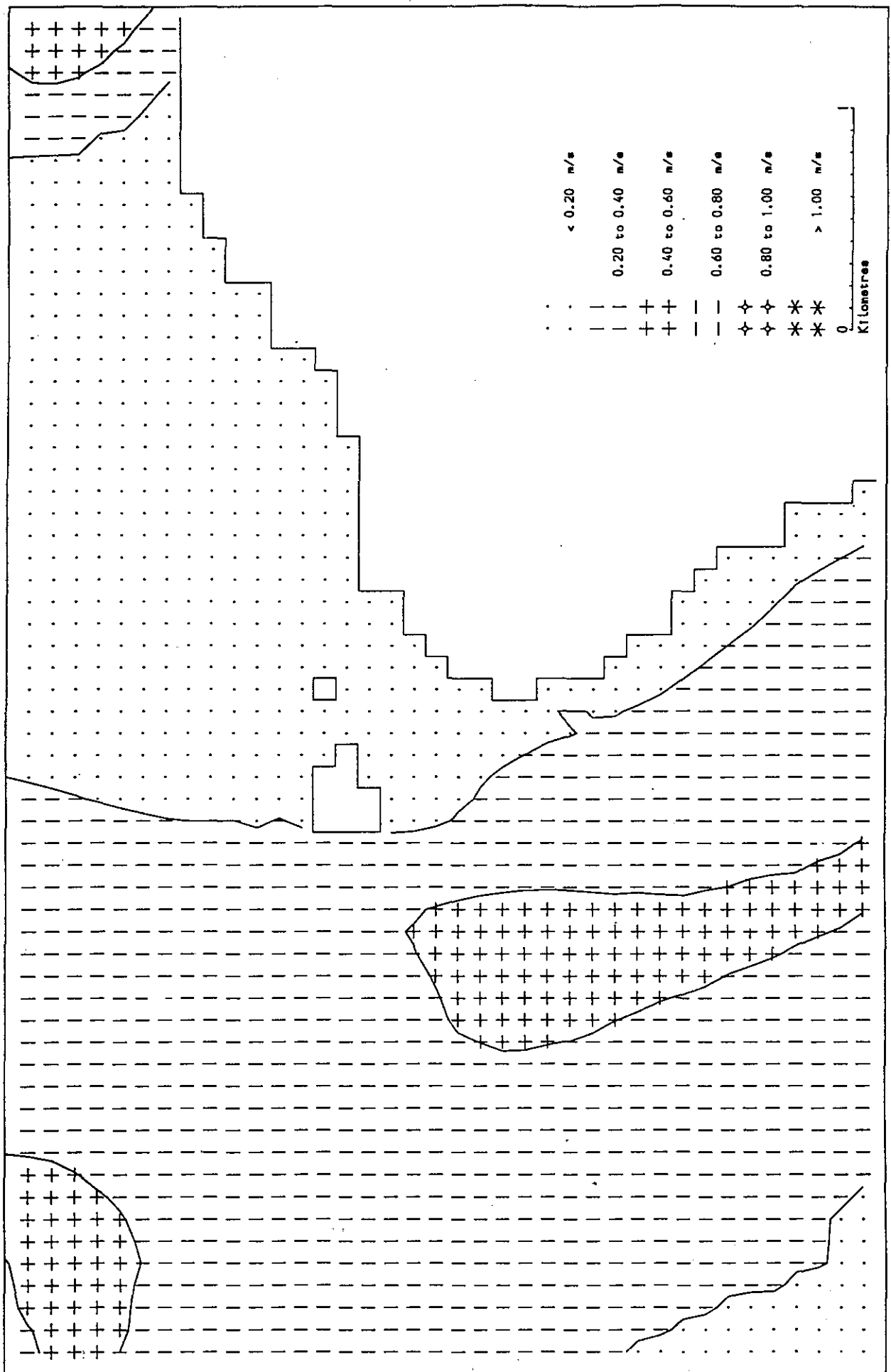


Fig 12b Green Island Reclamation - Lower layer
 Dry season Neap Peak Speed - Case 3

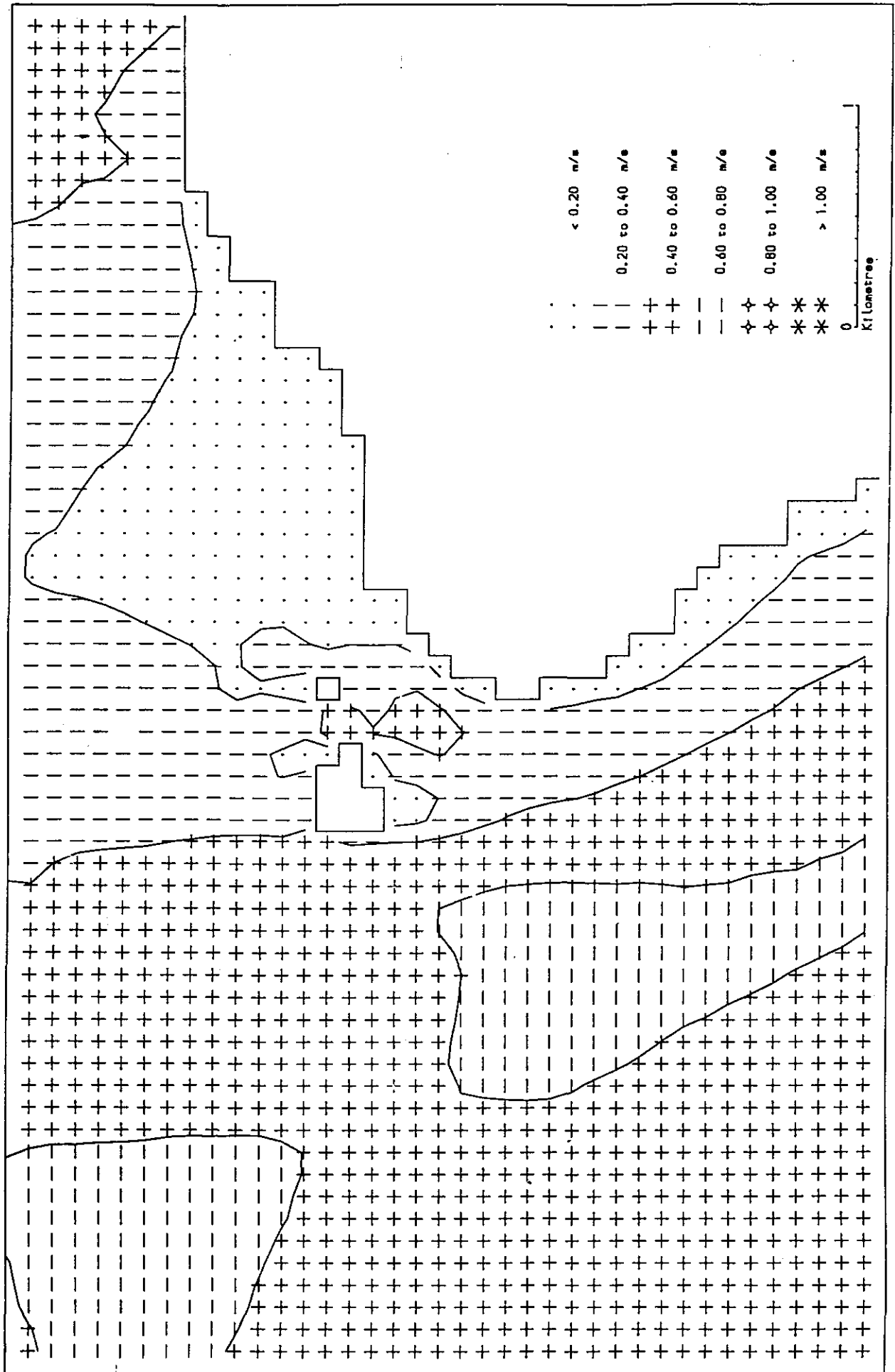


Fig 12c Green Island Reclamation - Upper layer
 Dry season Spring Peak Speed - Case 3

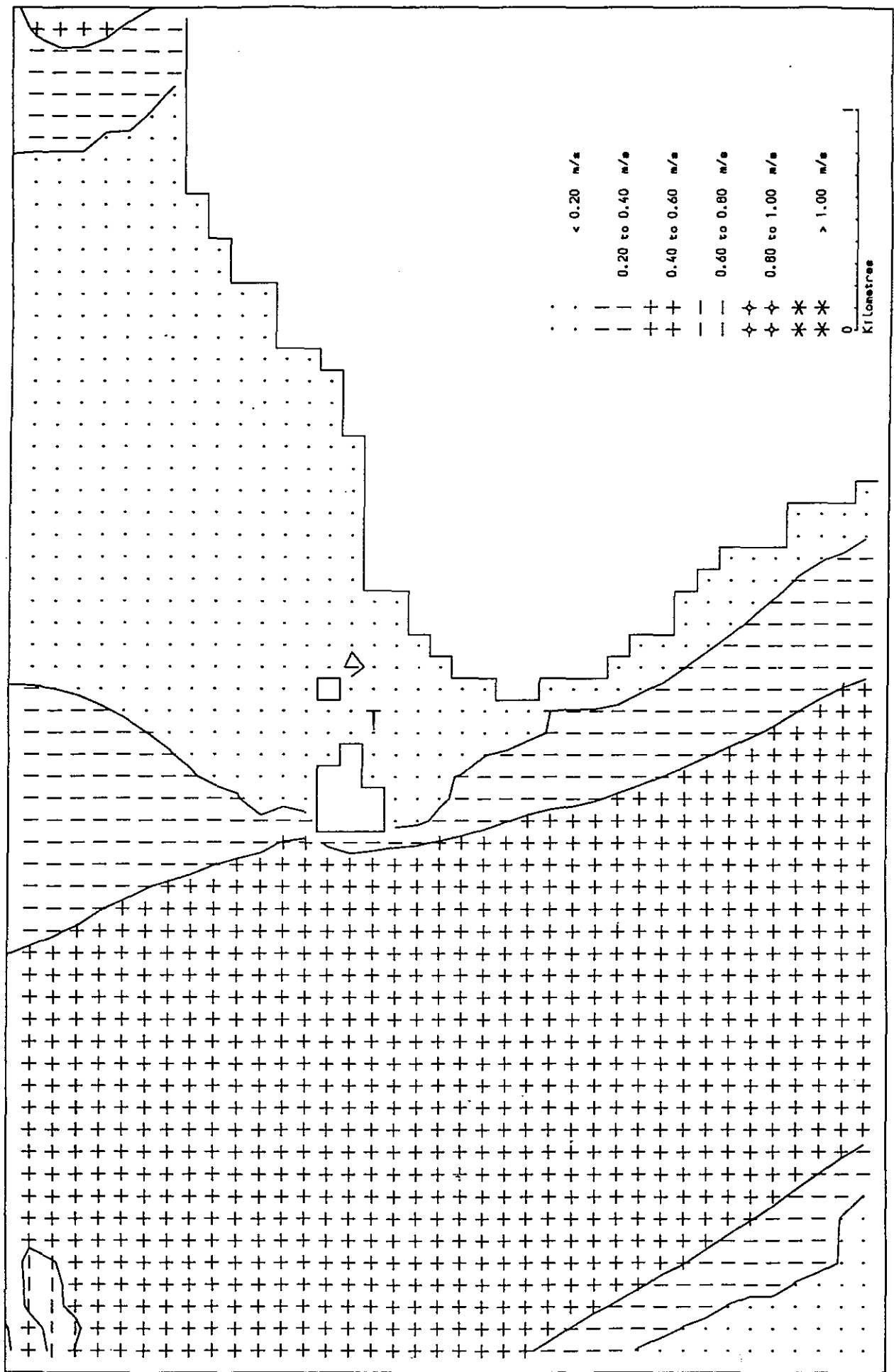


Fig 12d Green Island Reclamation - Lower layer
 Dry season Spring Peak Speed - Case 3

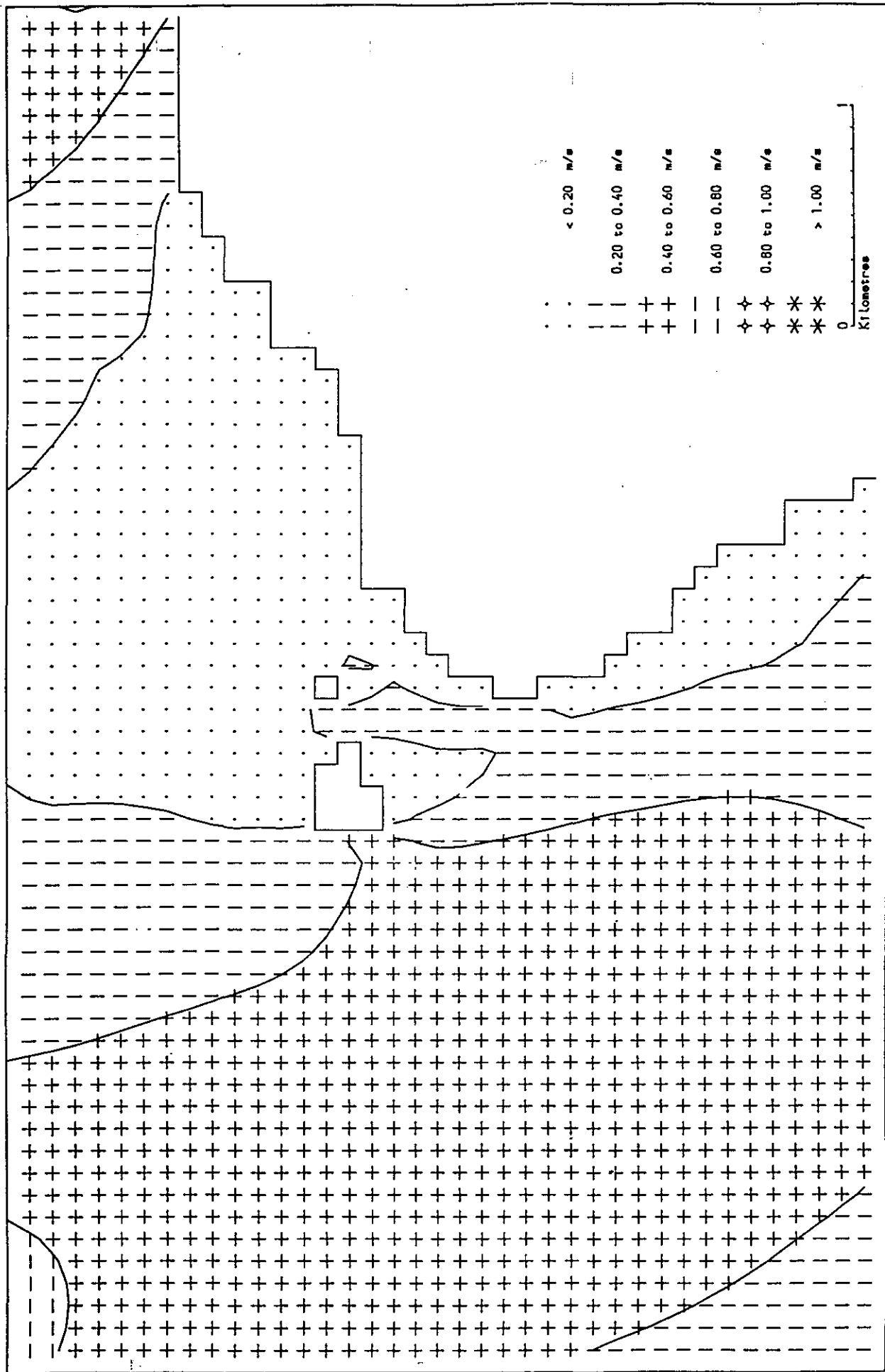


Fig 12e Green Island Reclamation - Upper layer
Wet season Neap Peak Speed - Case 3

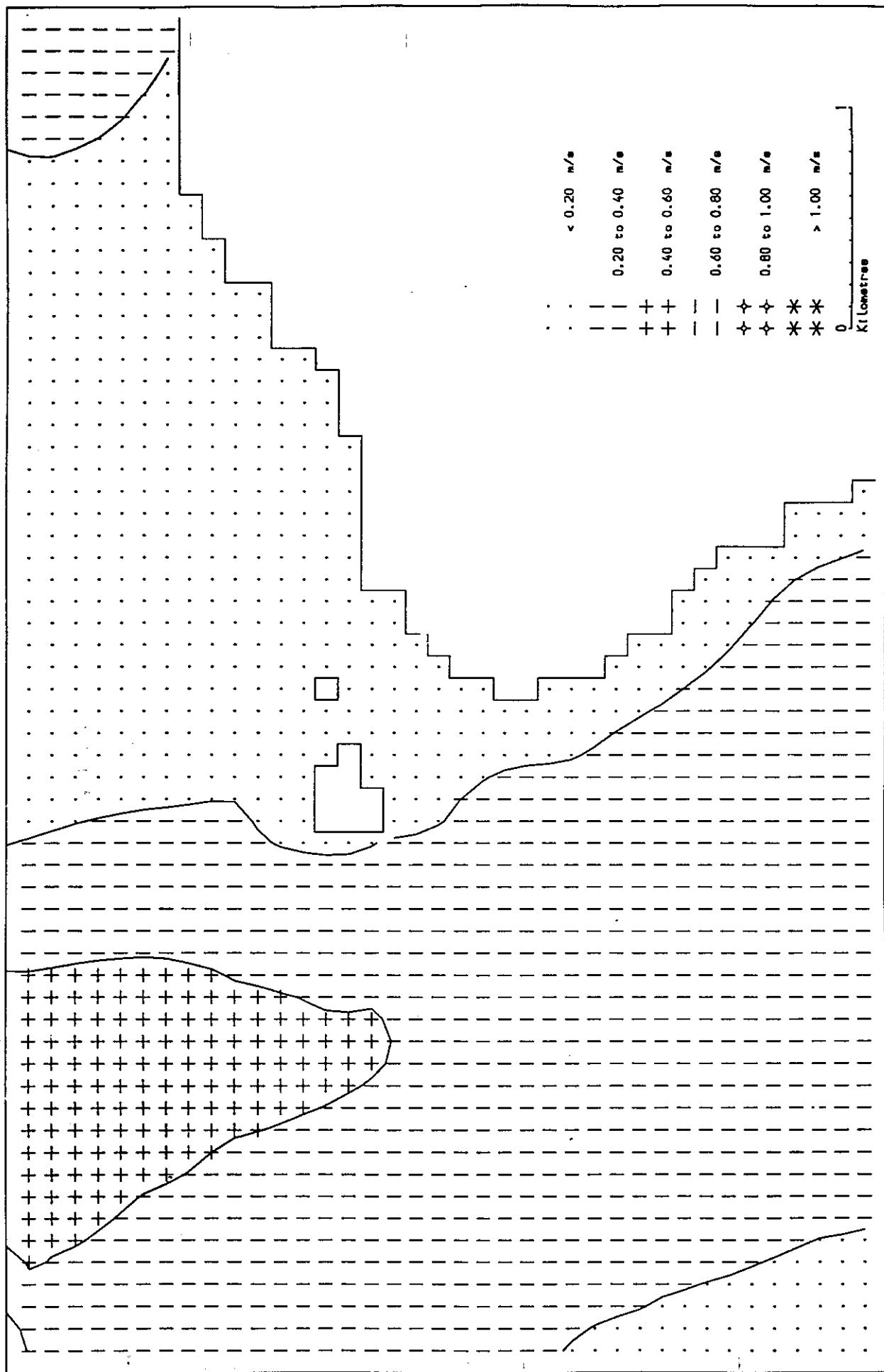
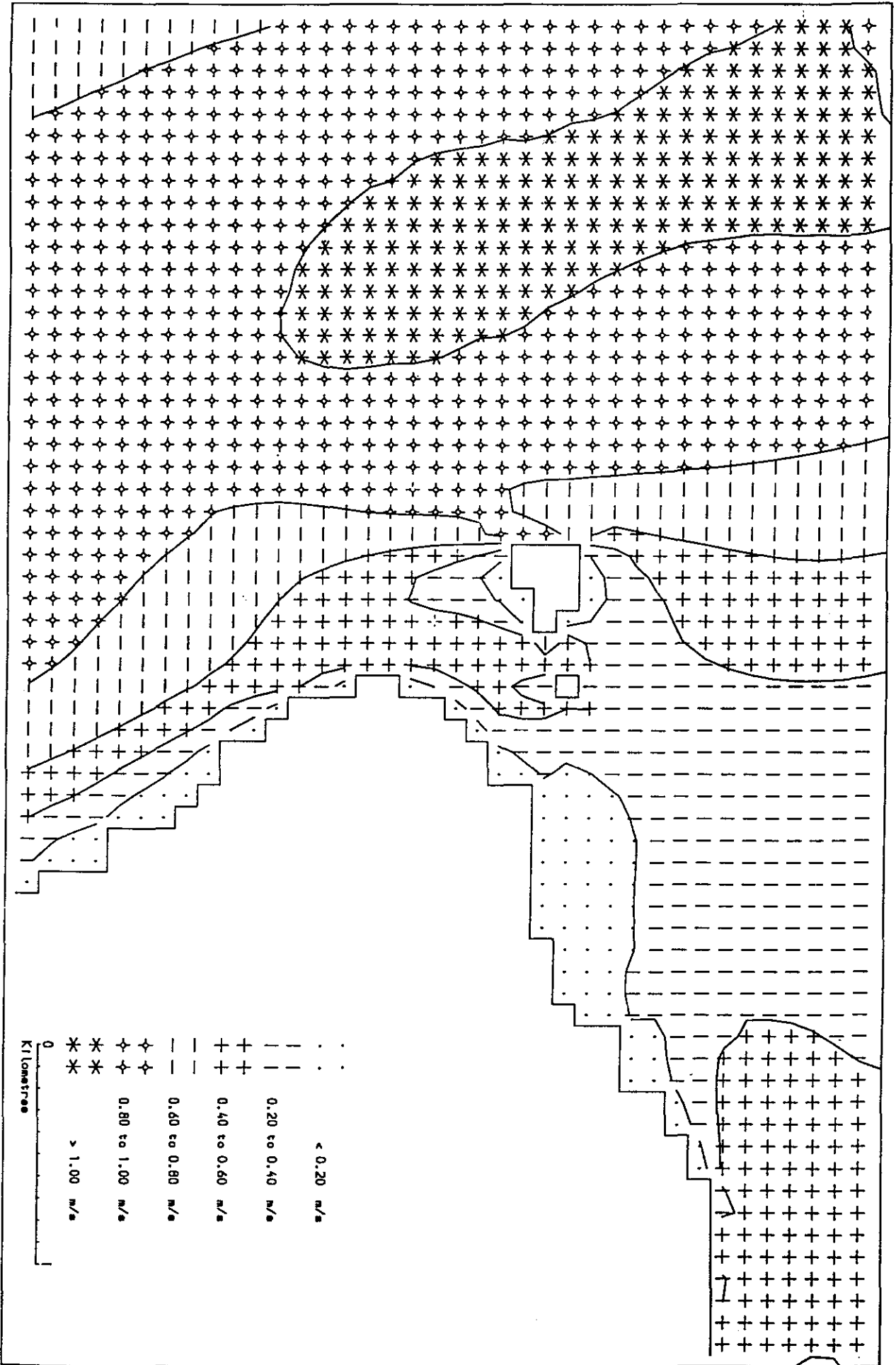


Fig 12f Green Island Reclamation - Lower layer
 Wet season Neap Peak Speed - Case 3

Fig 129 Green Island Reclamation - Upper layer
Wet season Spring Peak Speed - Case 3



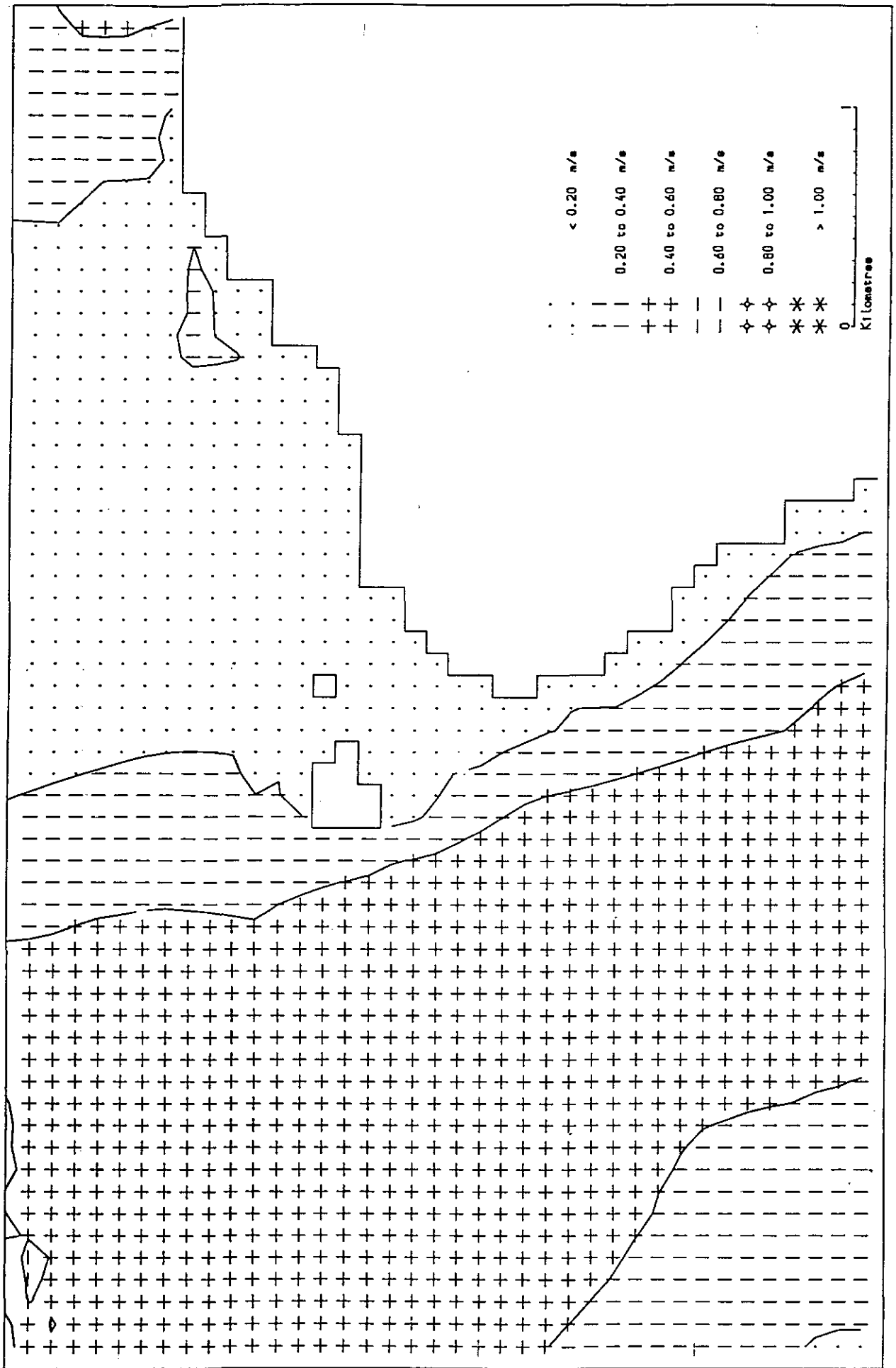


Fig 12h Green Island Reclamation - Lower layer
Wet season Spring Peak Speed - Case 3

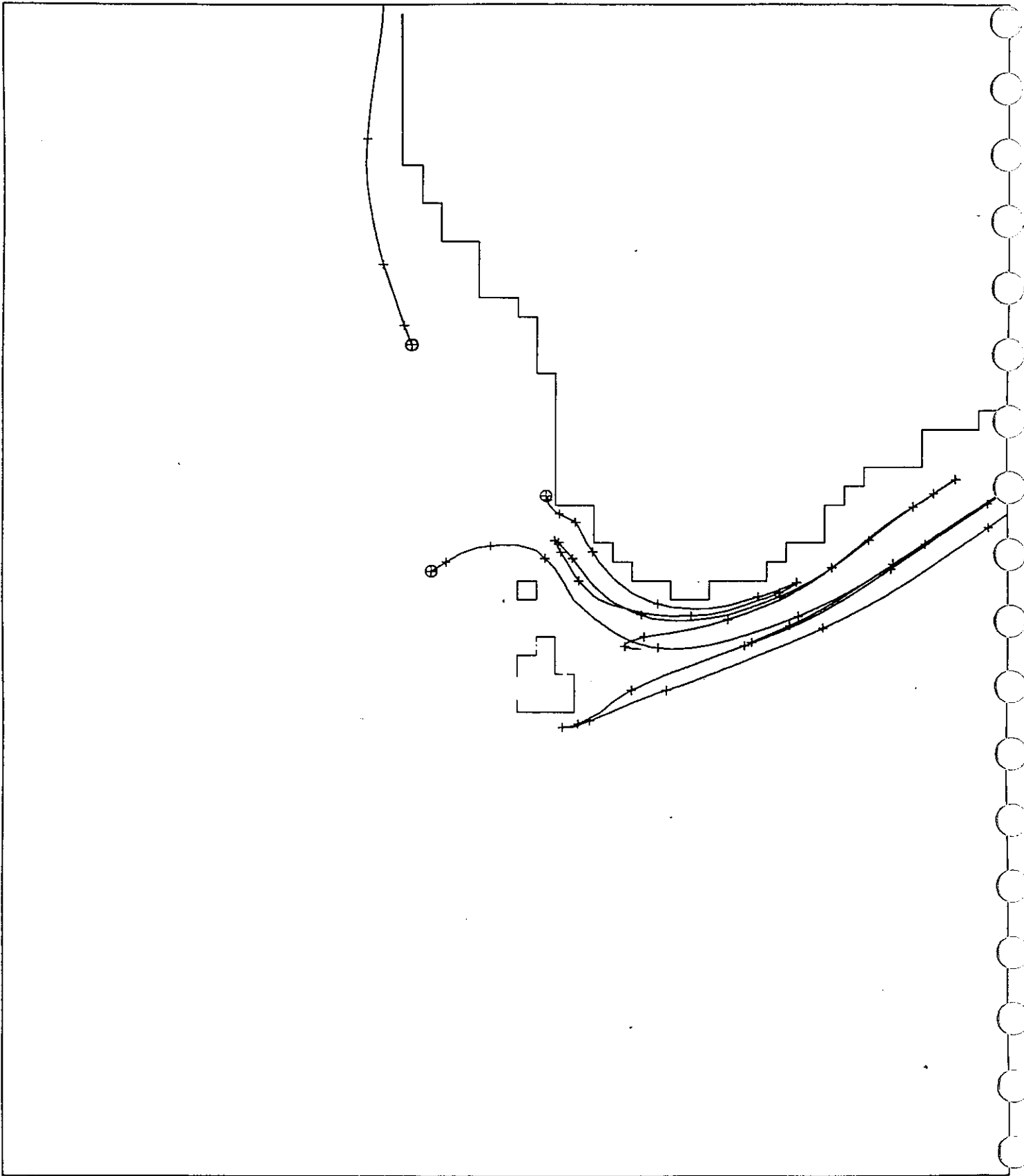


Fig 13a Green Island Reclamation - Case 3
Dry season Neap tide - Released at HHW

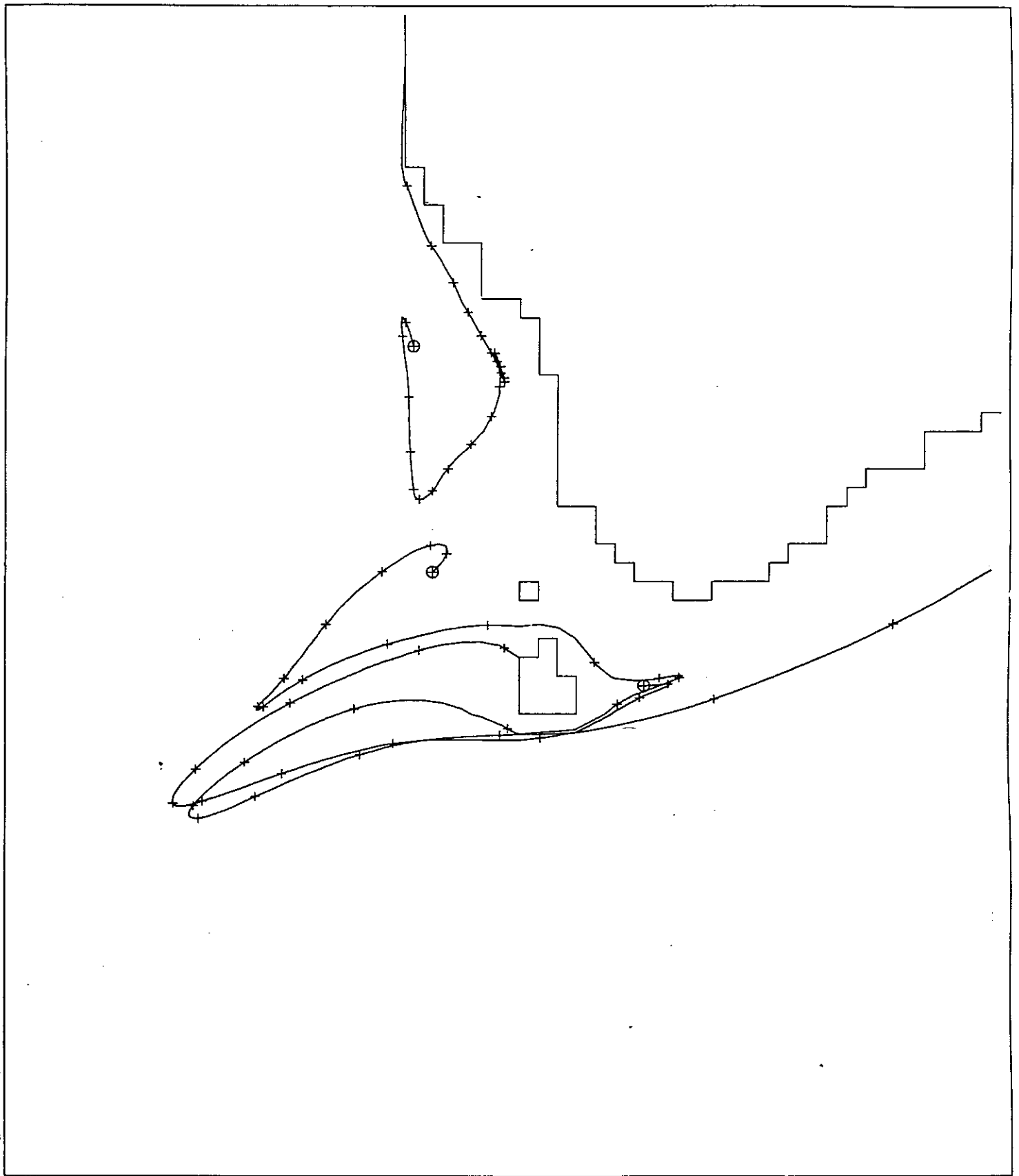


Fig 13b Green Island Reclamation - Case 3
Dry season Neap tide - Released at LLW

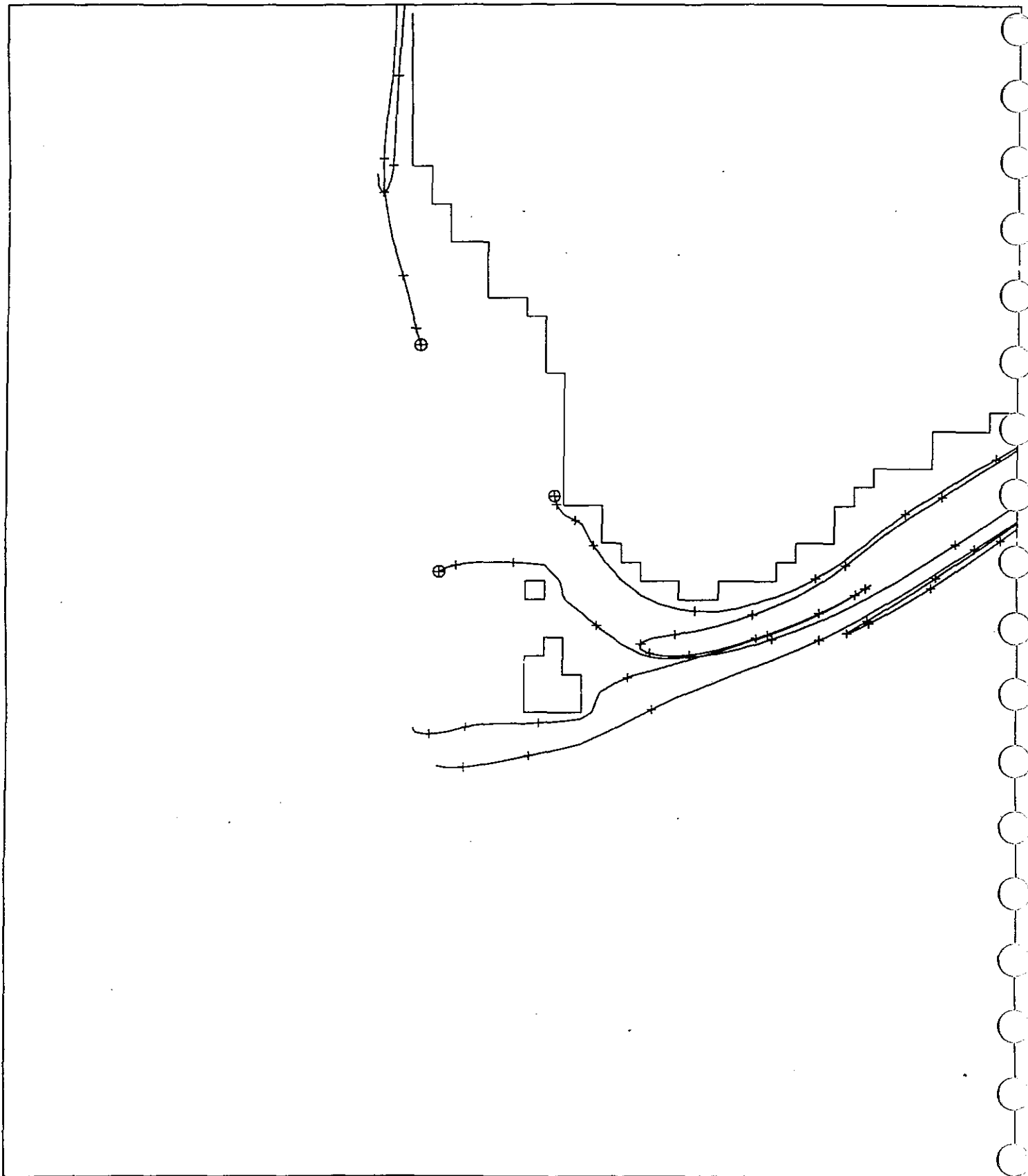


Fig 13c Green Island Reclamation - Case 3
Dry season Spring tide - Released at HHW

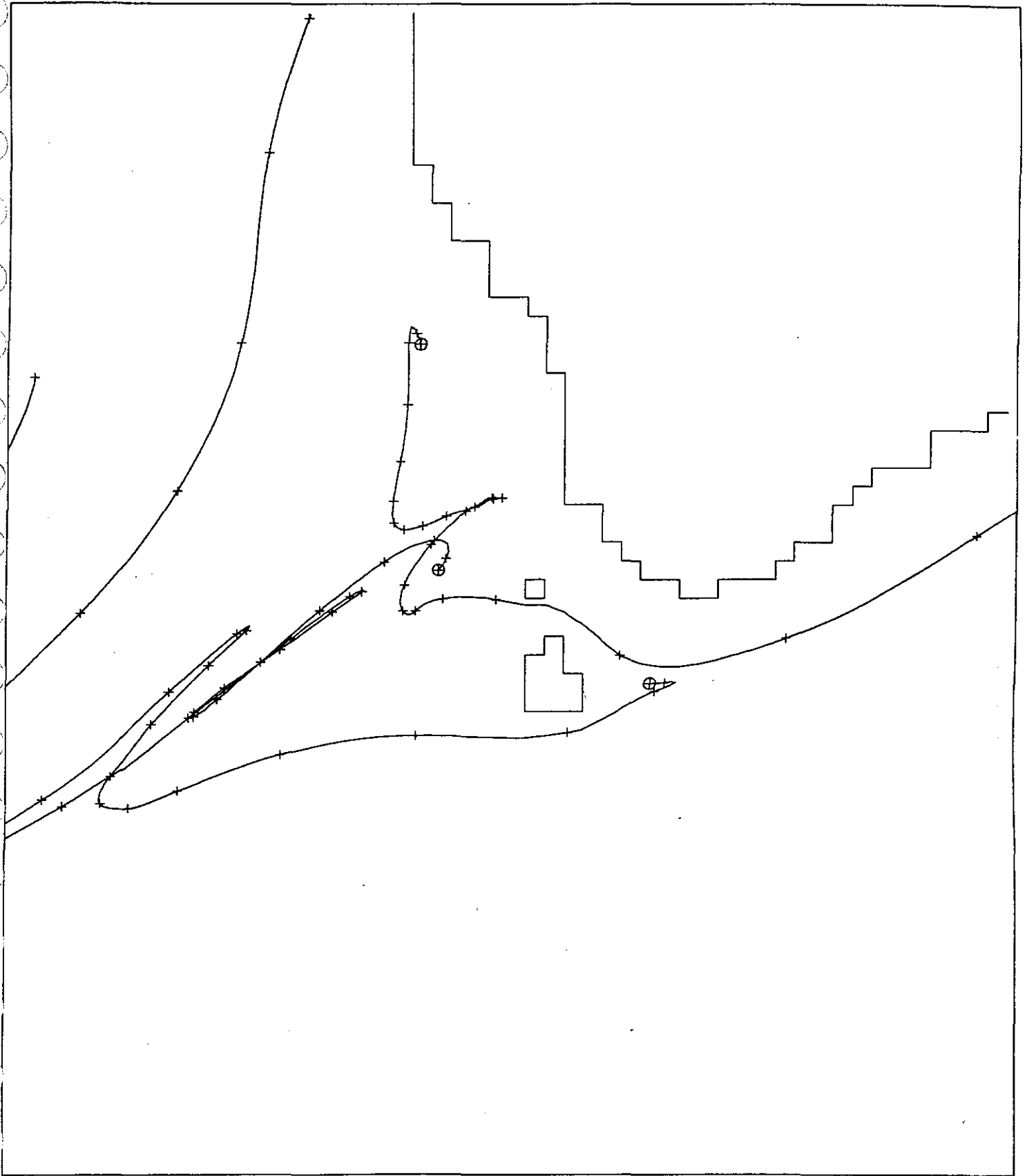


Fig 13d Green Island Reclamation - Case 3
Dry season Spring tide - Released at LLW

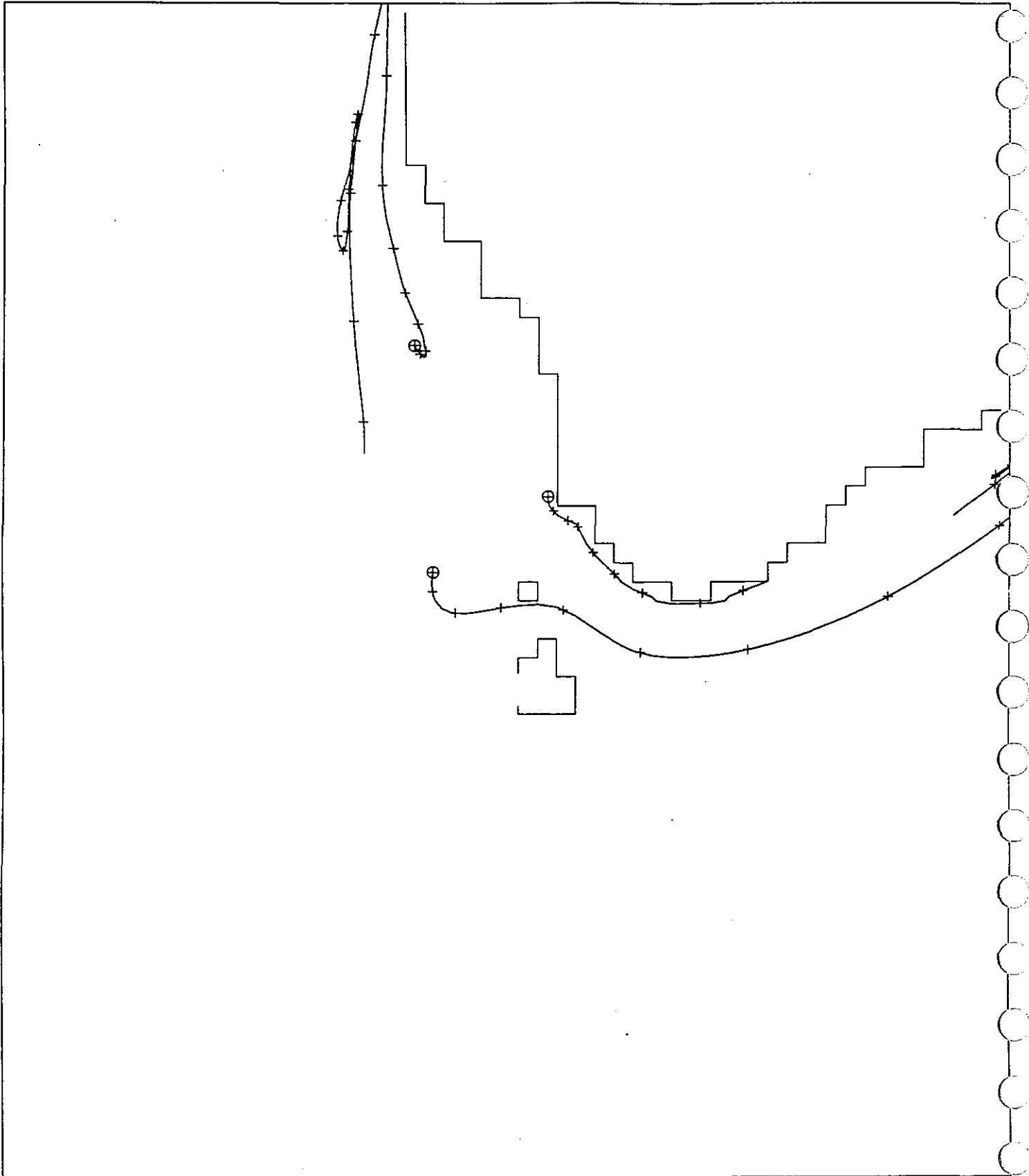


Fig 13e Green Island Reclamation - Case 3
Wet season Neap tide - Released at HHW

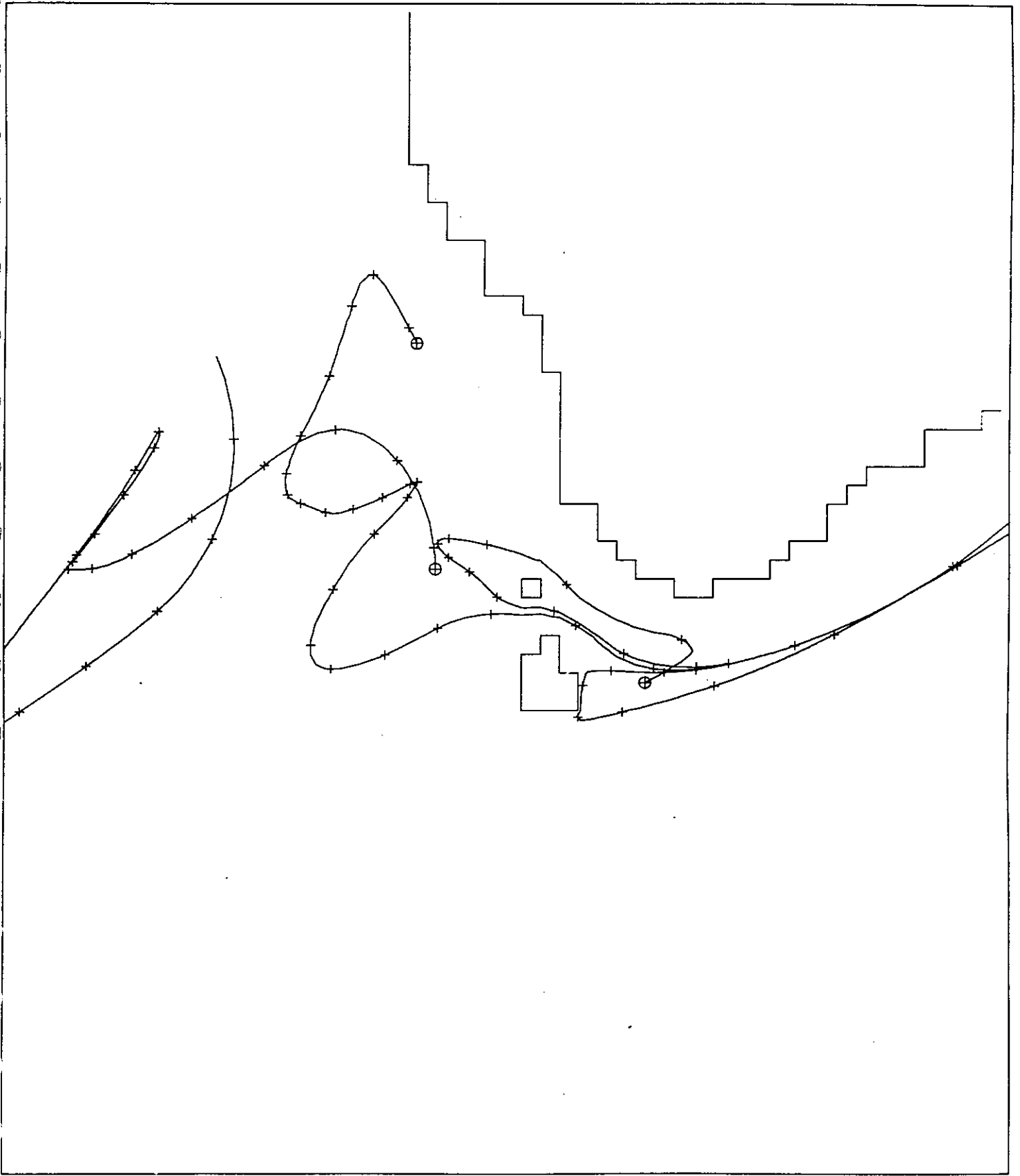


Fig 13f Green Island Reclamation - Case 3
Wet season Neap tide - Released at LLW

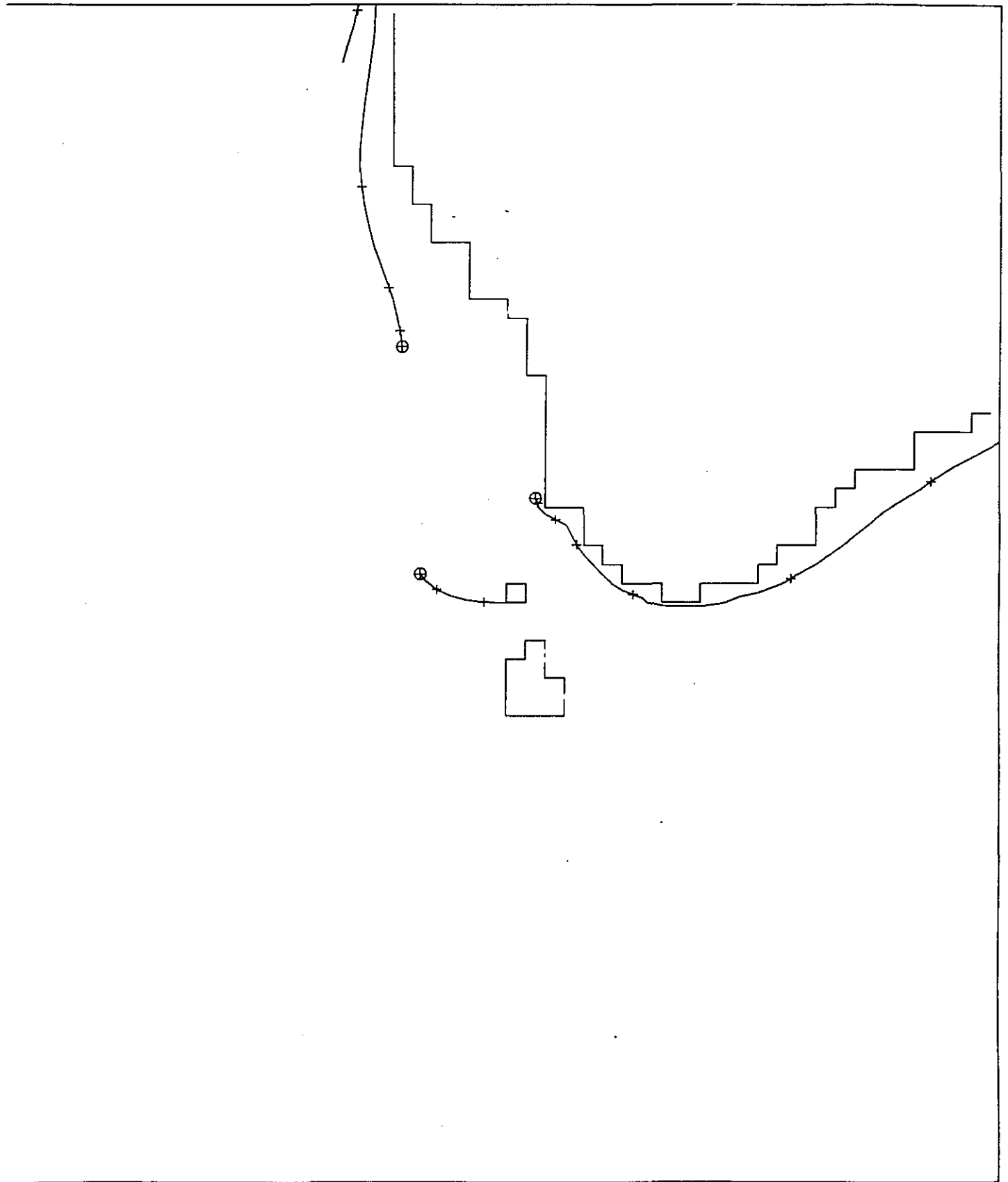


Fig 13g Green Island Reclamation - Case 3
Wet season Spring tide - Released at HHW

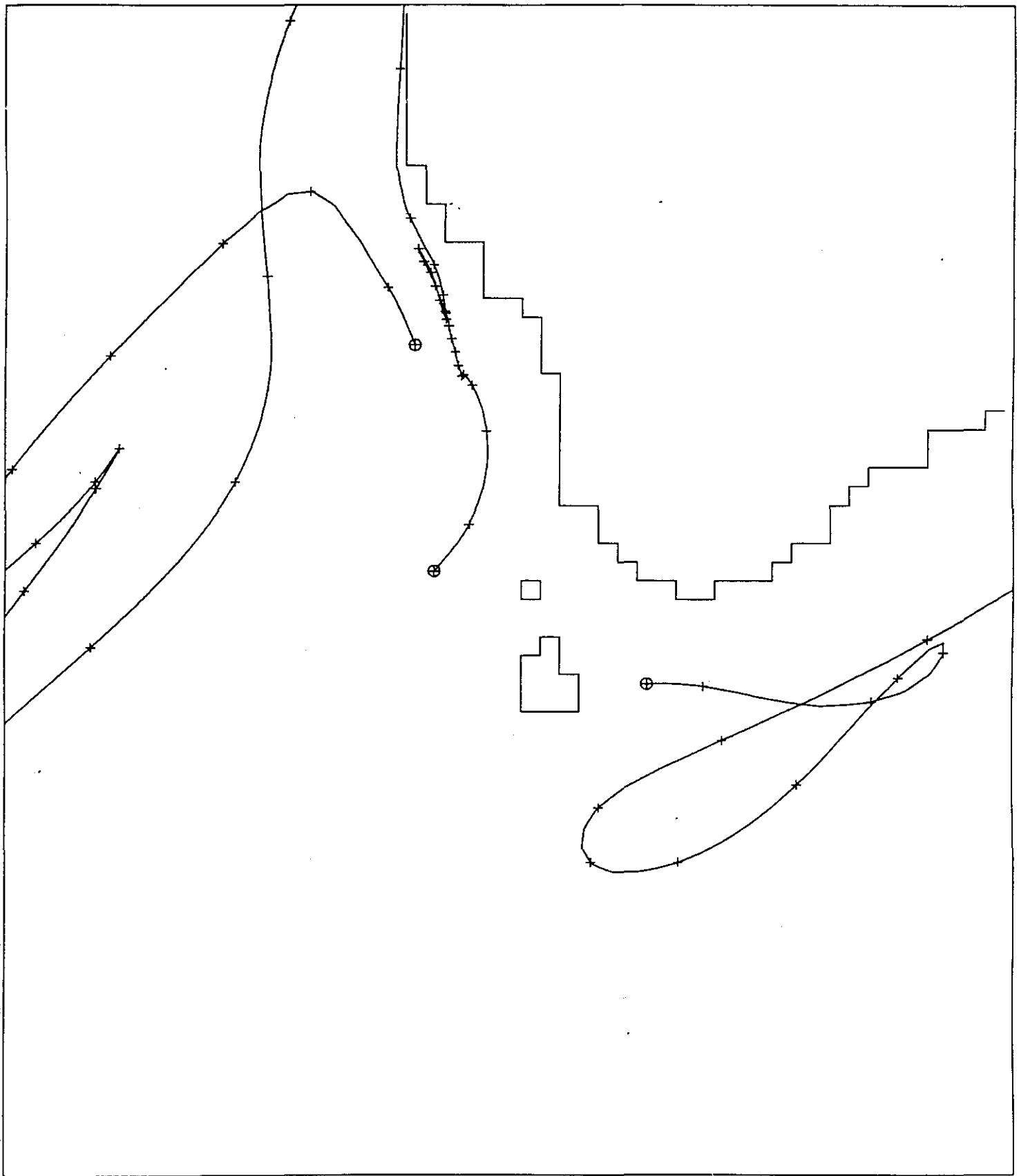


Fig 13h Green Island Reclamation - Case 3
Wet season Spring tide - Released at LLW

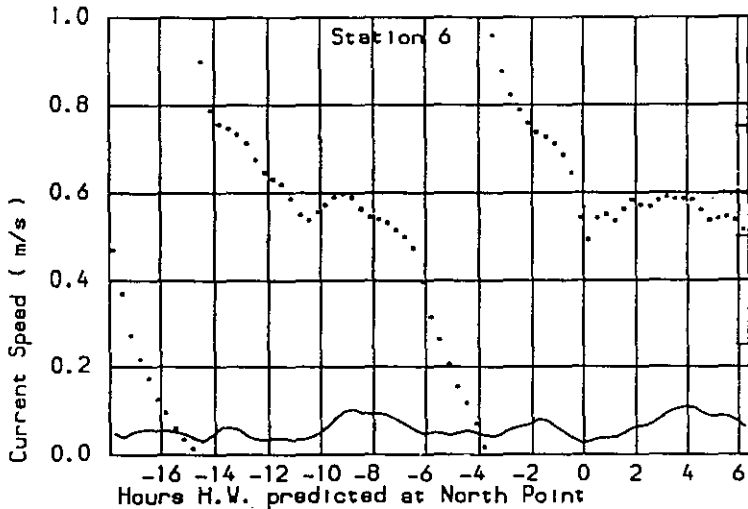
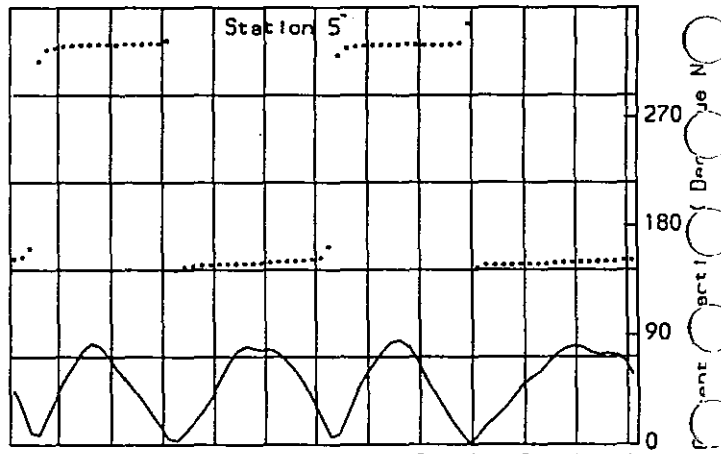
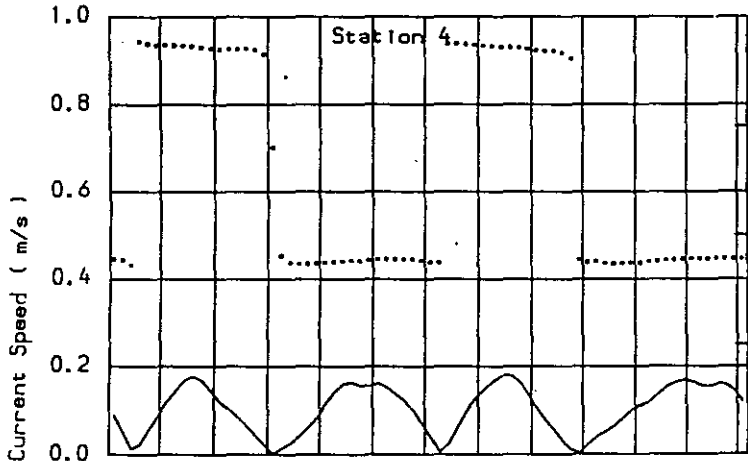
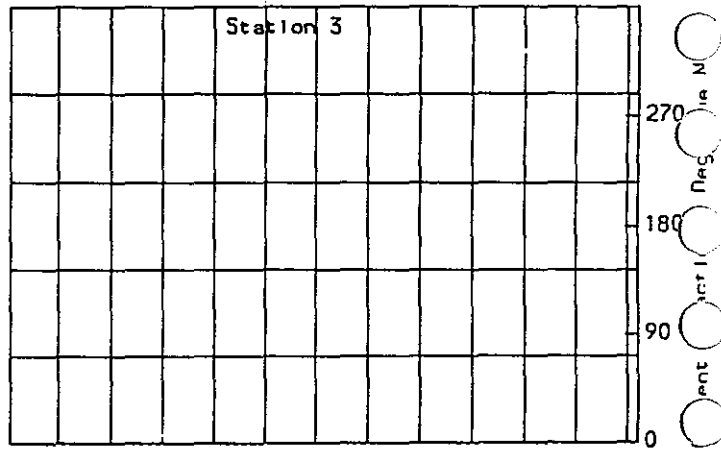
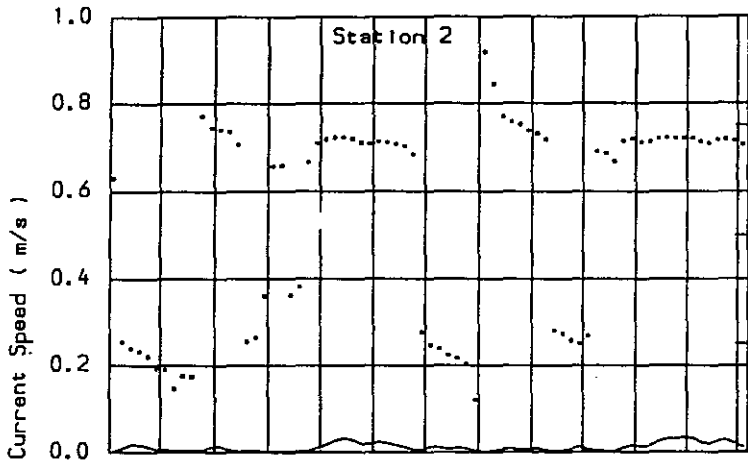
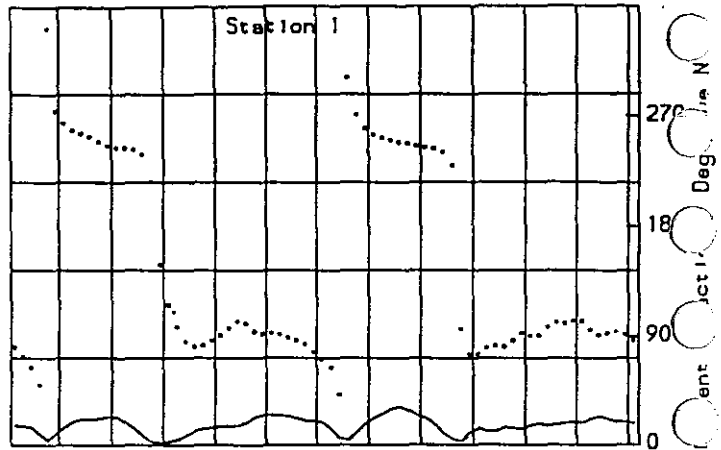
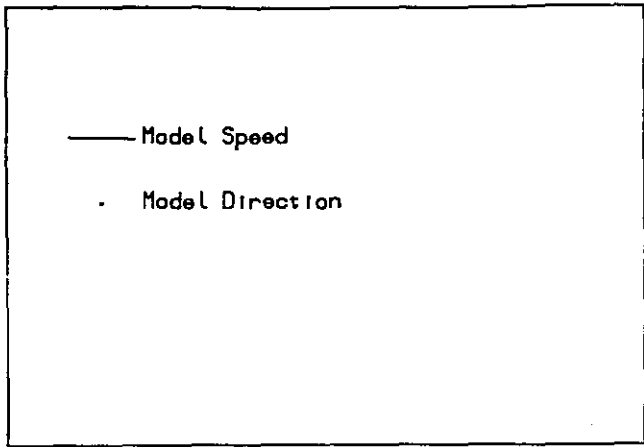
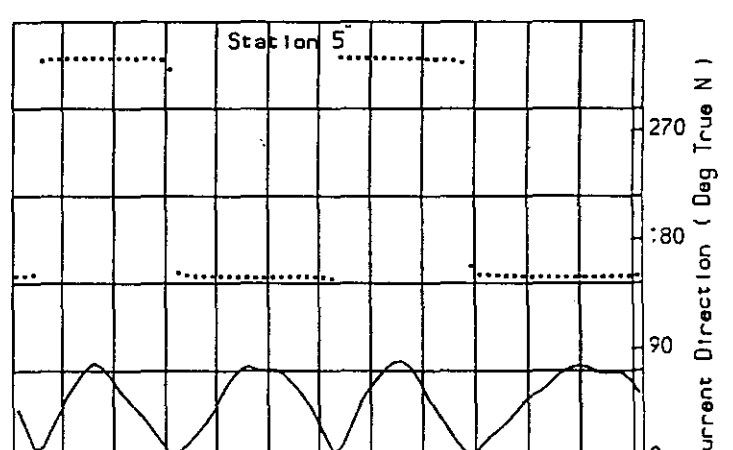
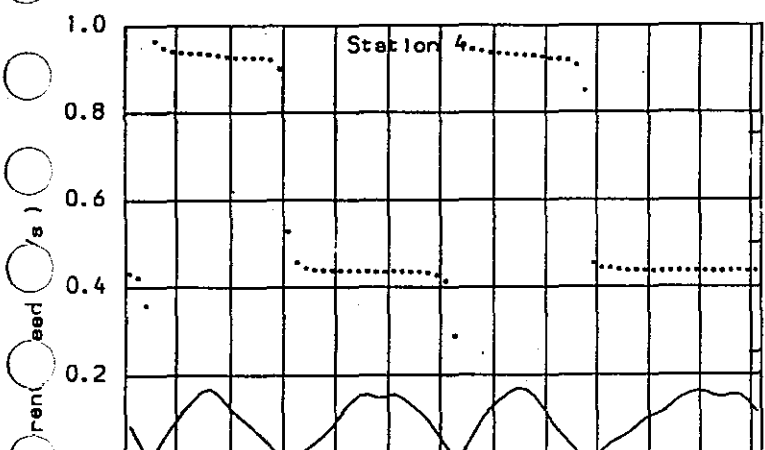
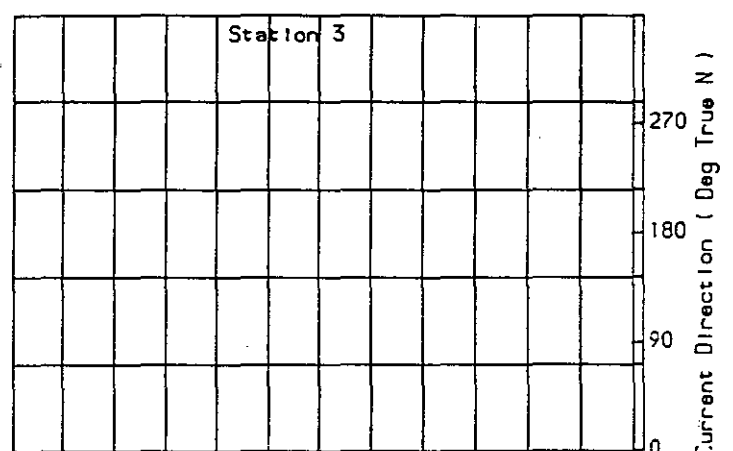
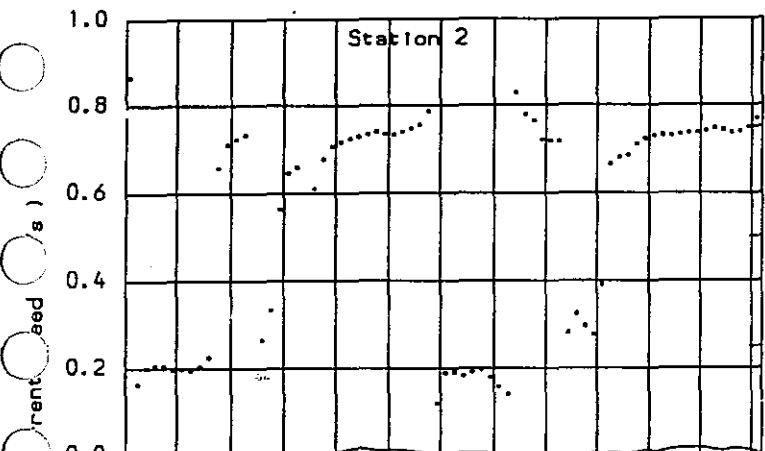
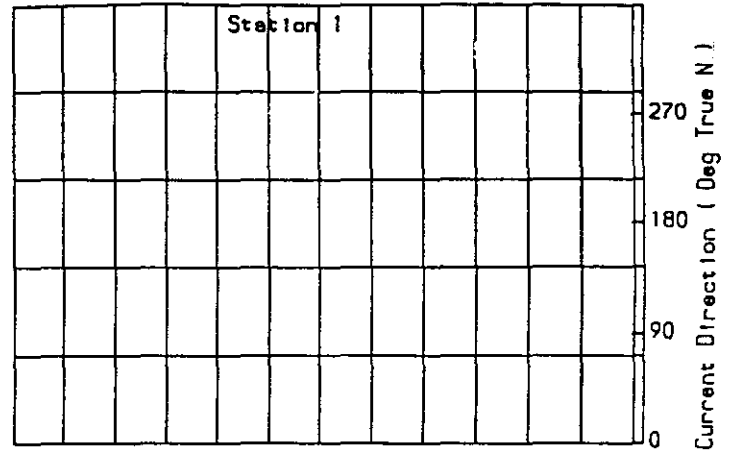
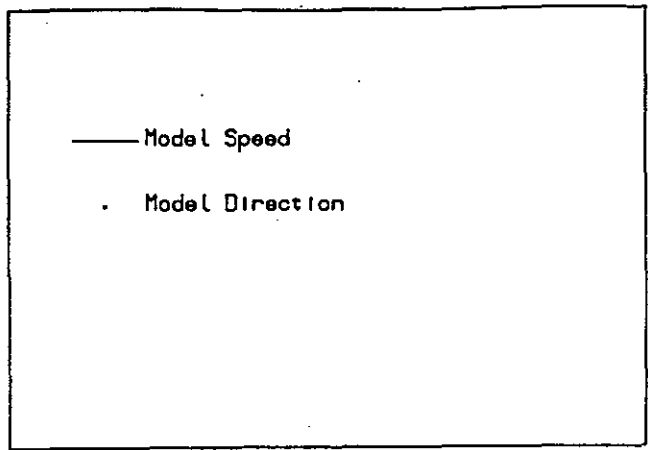


Fig 14a Green Island Reclamation - Case 4
 Dry season Neap tide - Upper layer



Hours H.V. predicted at North Point

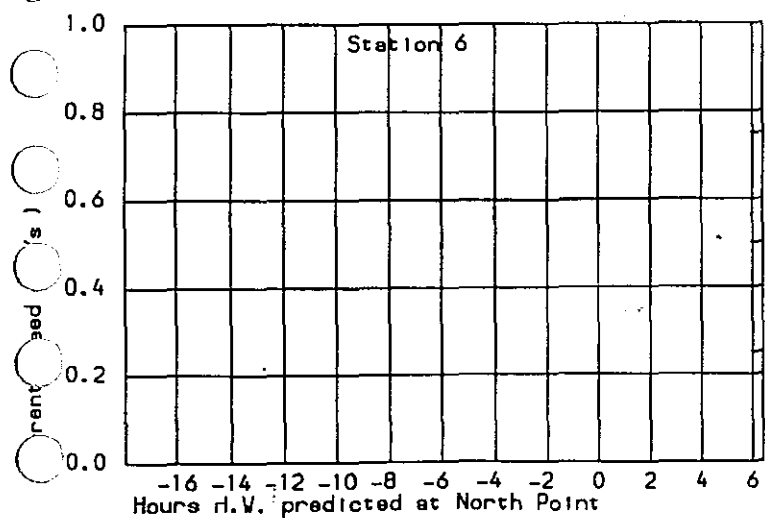


Fig 14b Green Island Reclamation - Case 4
 Dry season Neap tide - Lower layer

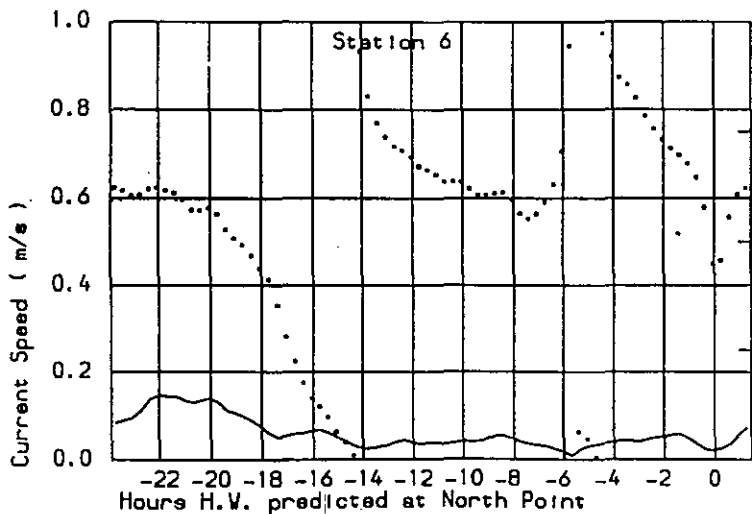
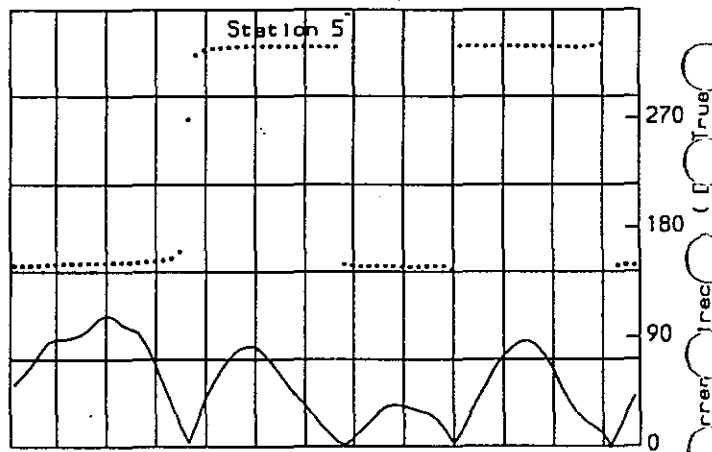
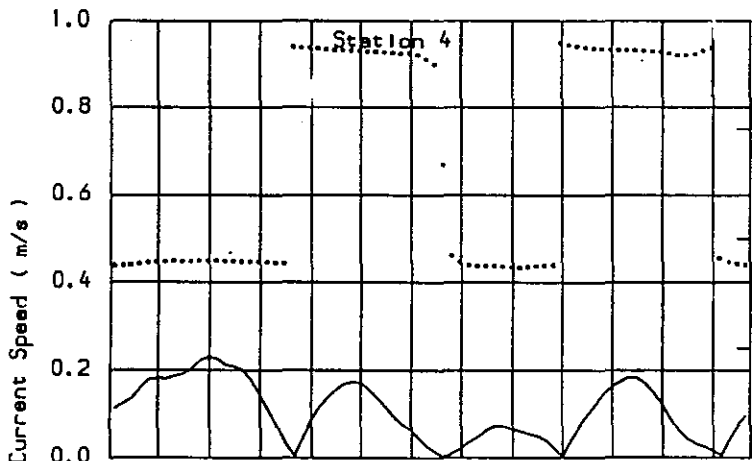
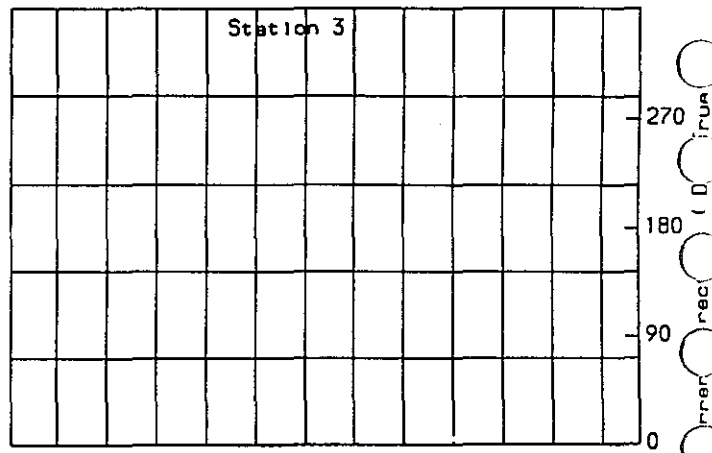
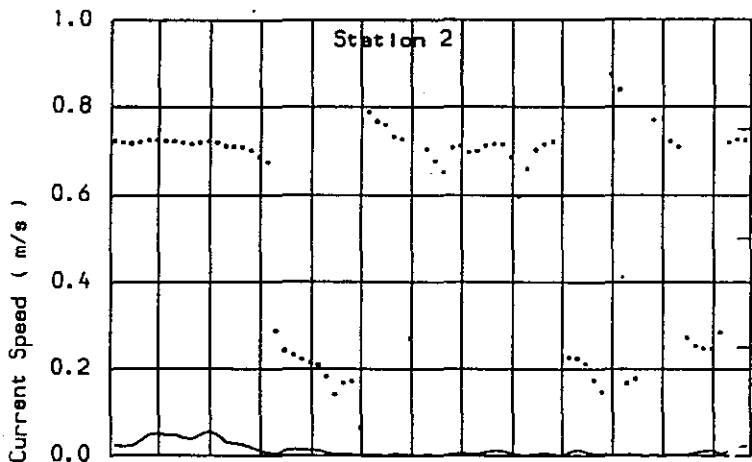
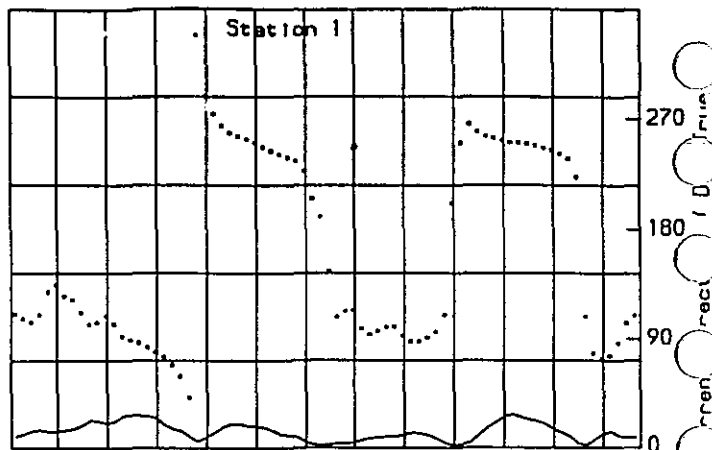
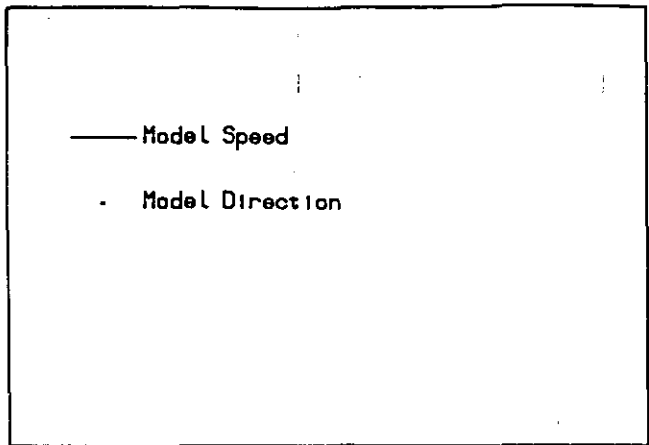
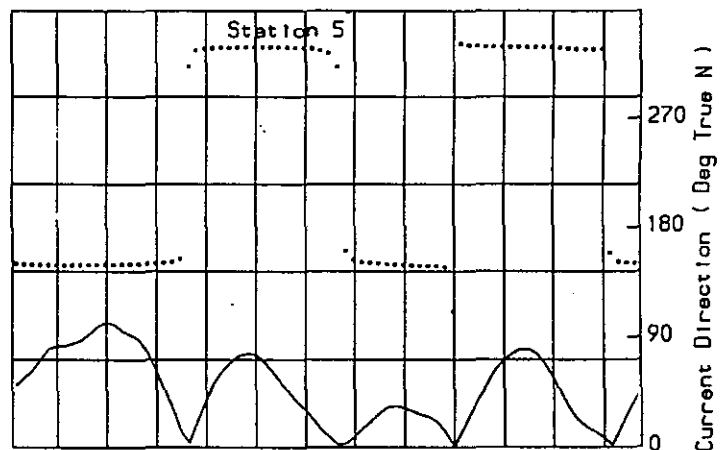
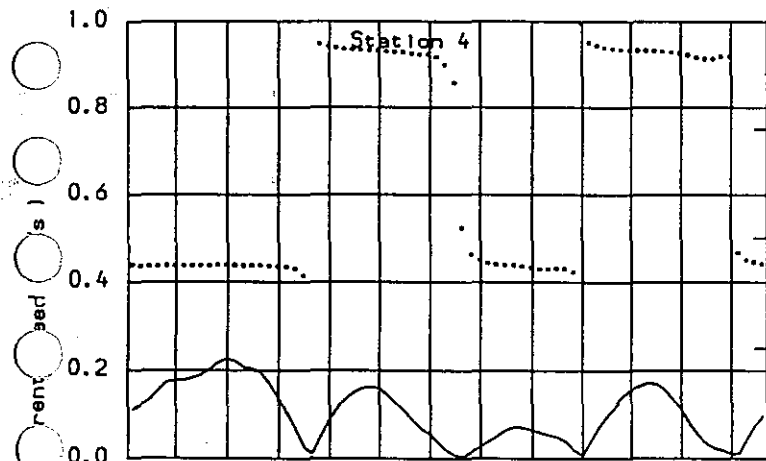
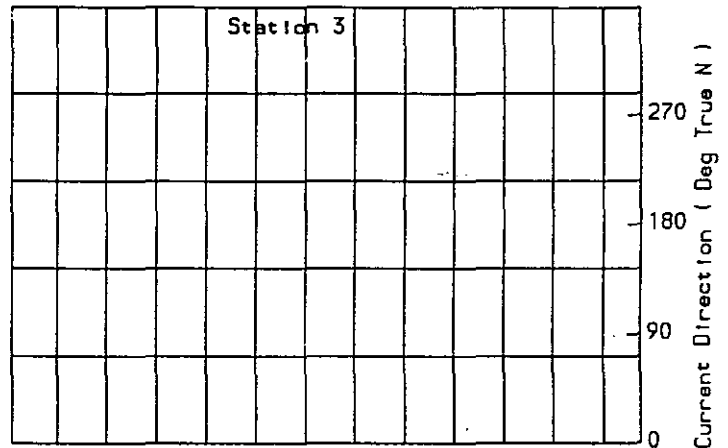
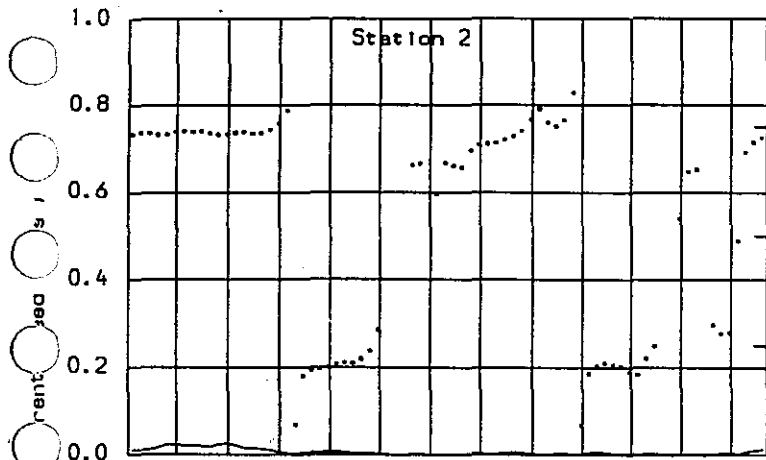
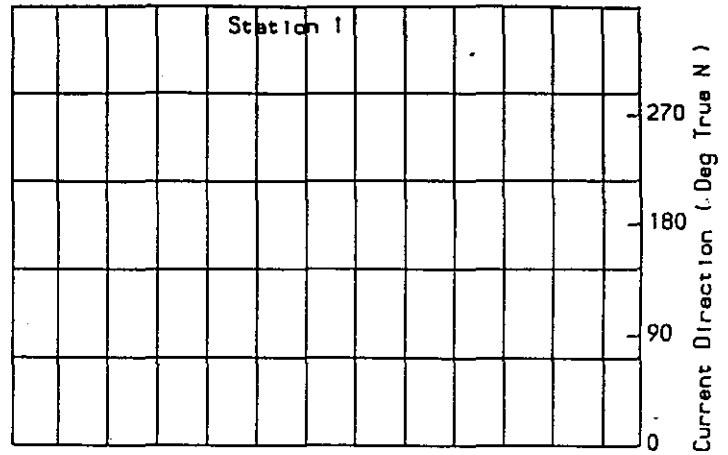
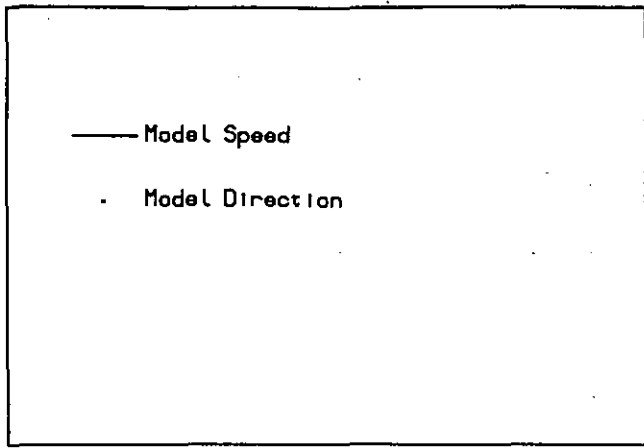


Fig 14c Green Island Reclamation - Case 4
 Dry season Spring tide - Upper layer



-22 -20 -18 -16 -14 -12 -10 -8 -6 -4 -2 0
 Hours H.V. predicted at North Point

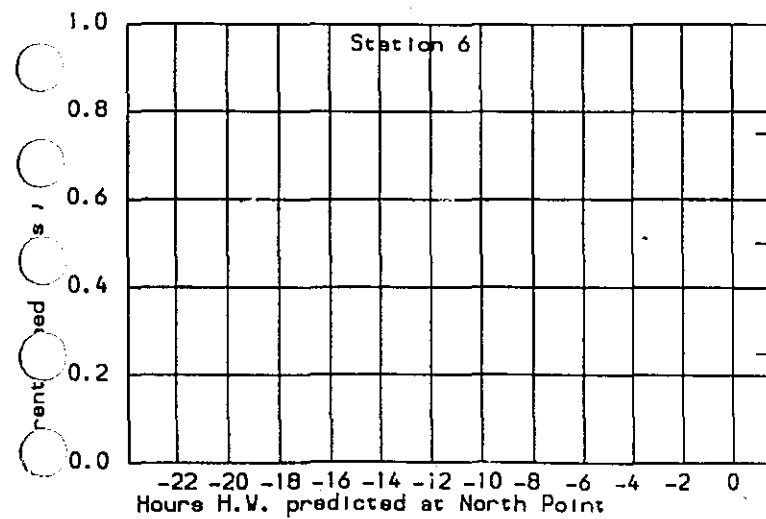


Fig 14d Green Island Reclamation - Case 4
 Dry season Spring tide - Lower layer

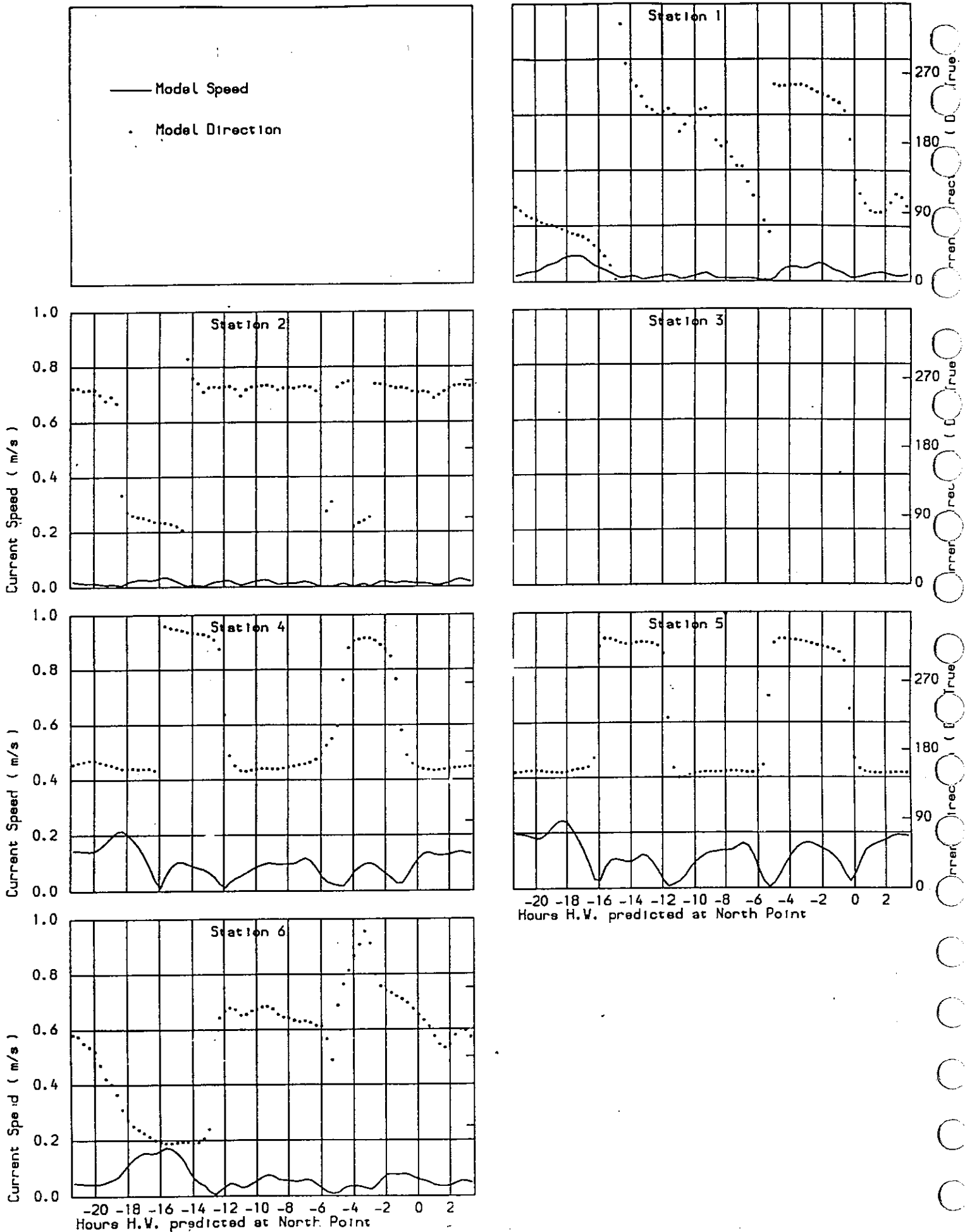


Fig 4e Green Island Reclamation - Case 4
 Wet season Neap tide - Upper layer

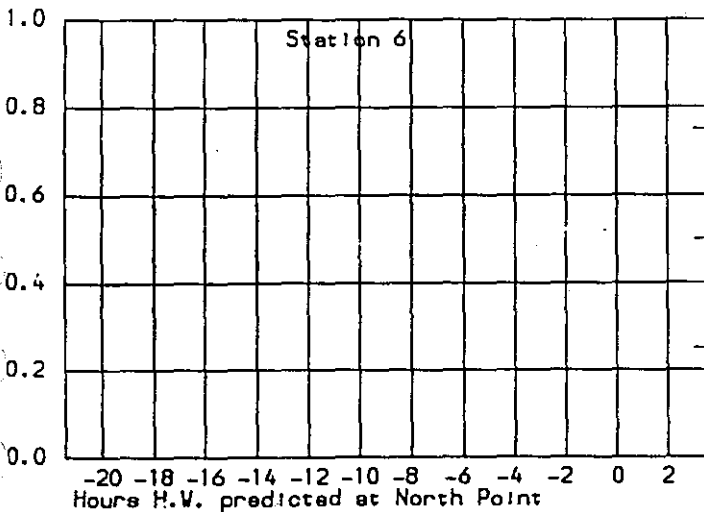
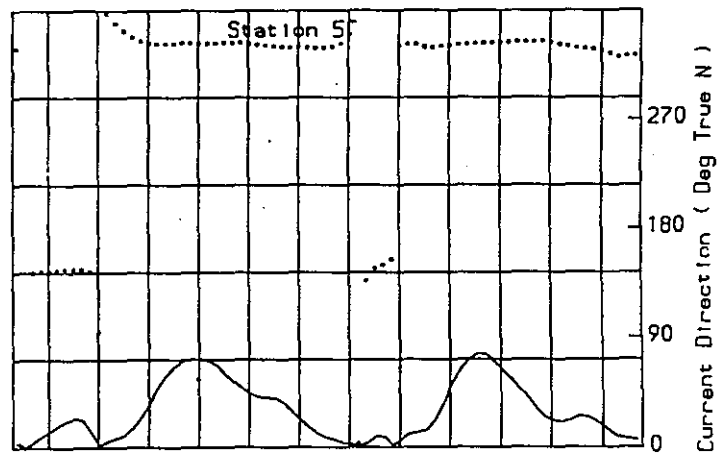
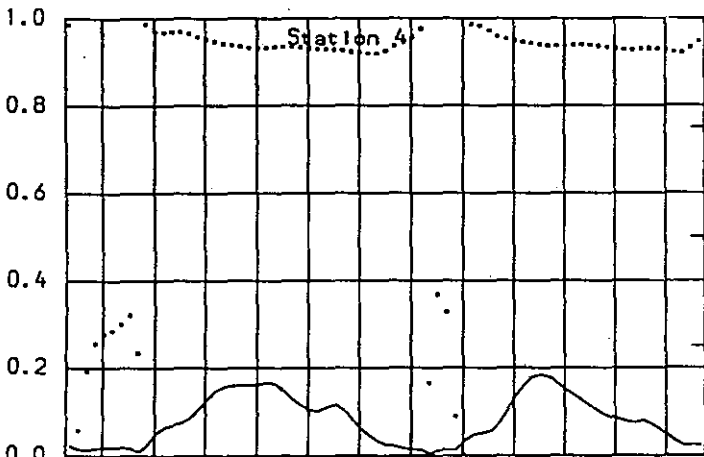
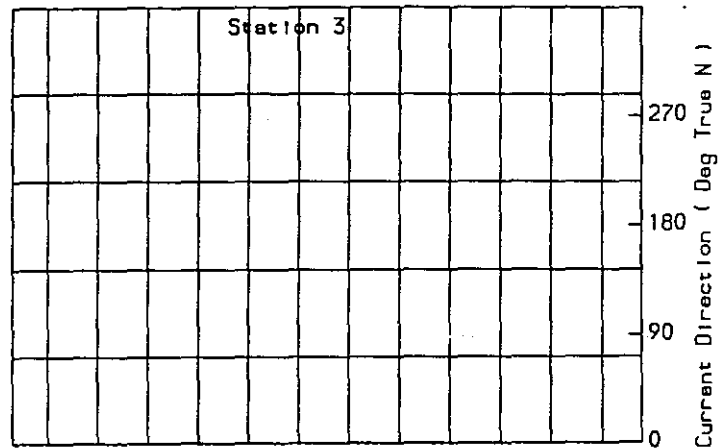
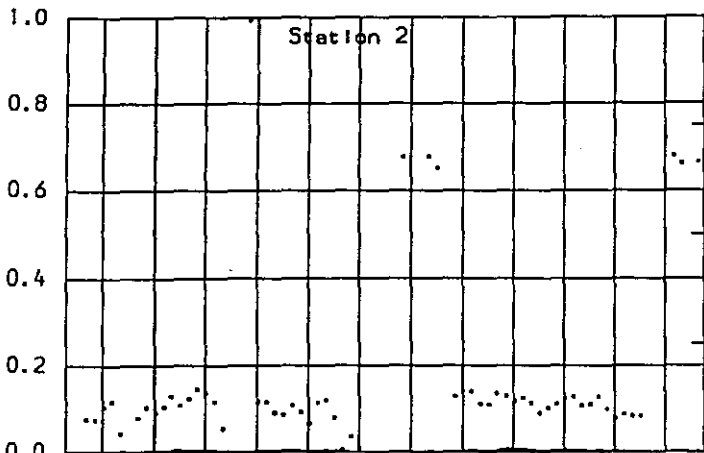
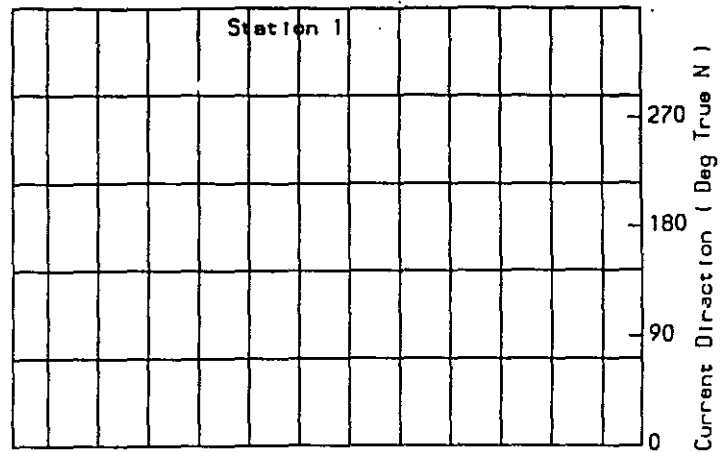
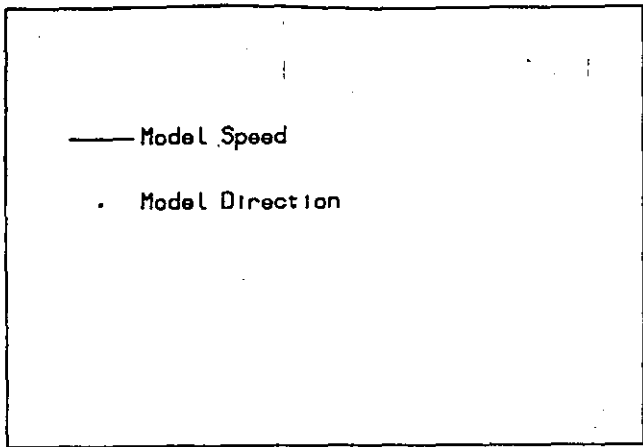


Fig 14f Green Island Reclamation - Case 4
 Wet season Neap tide - Lower layer

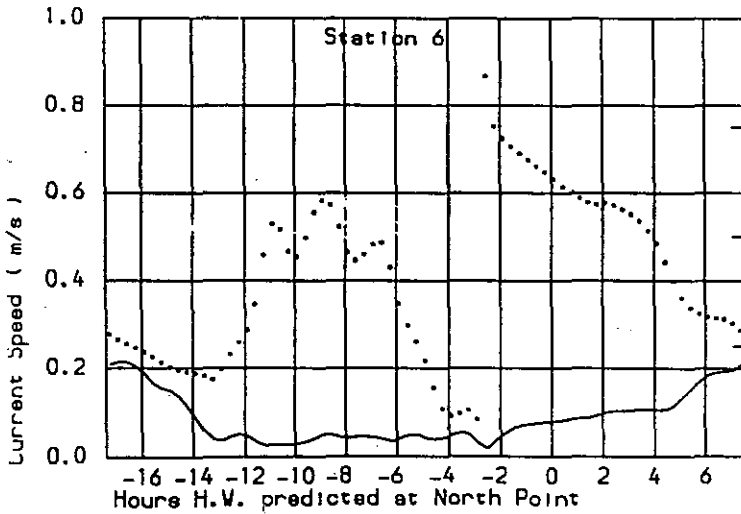
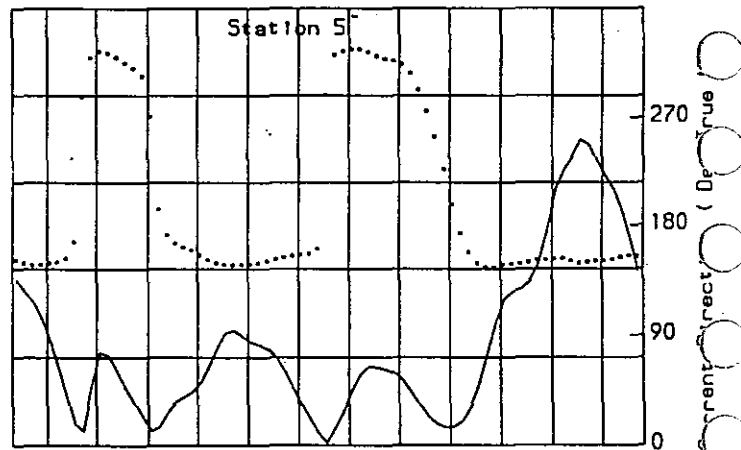
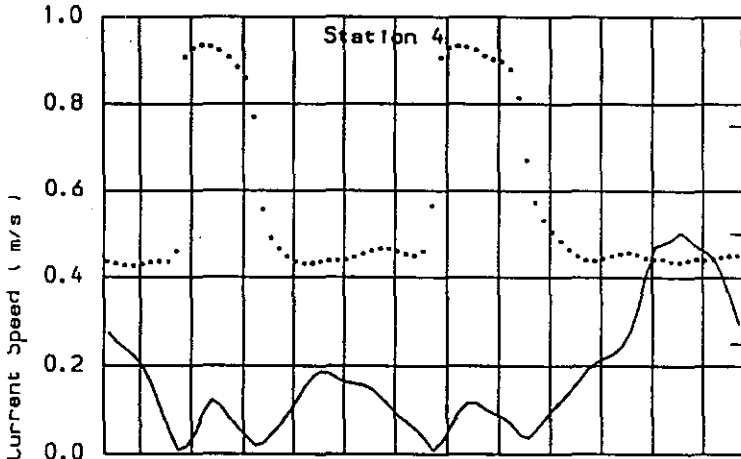
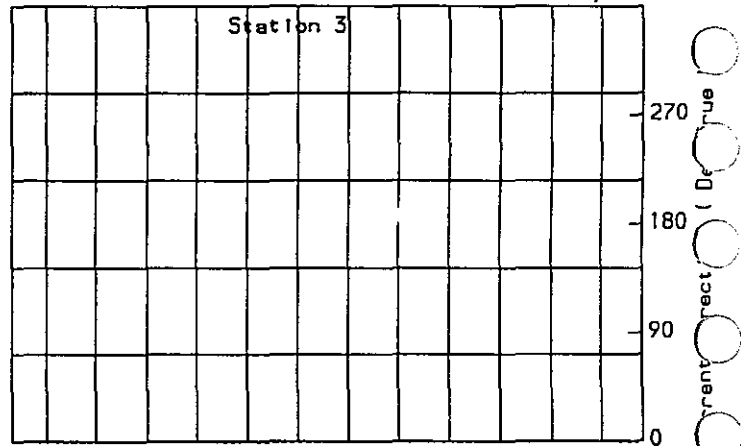
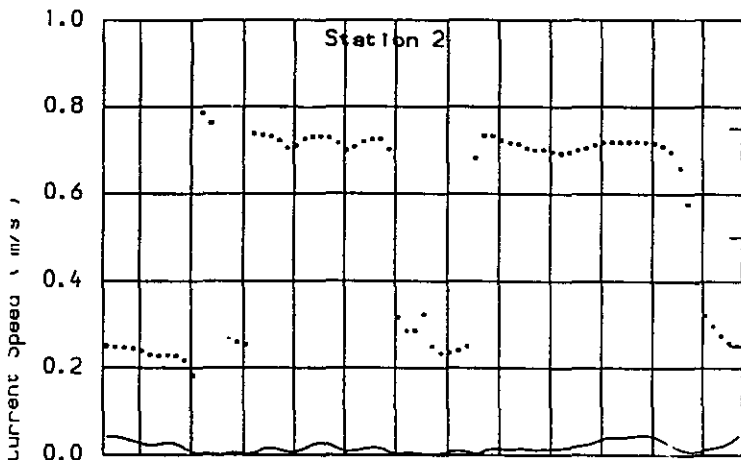
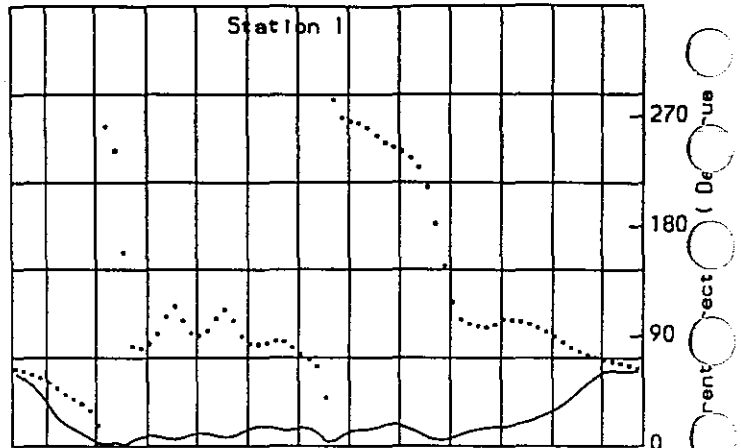
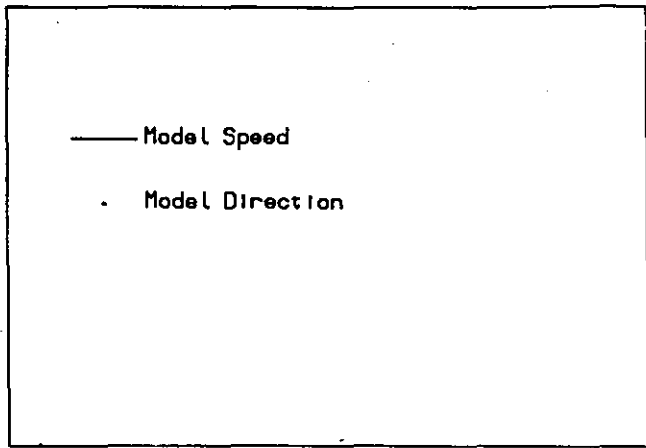
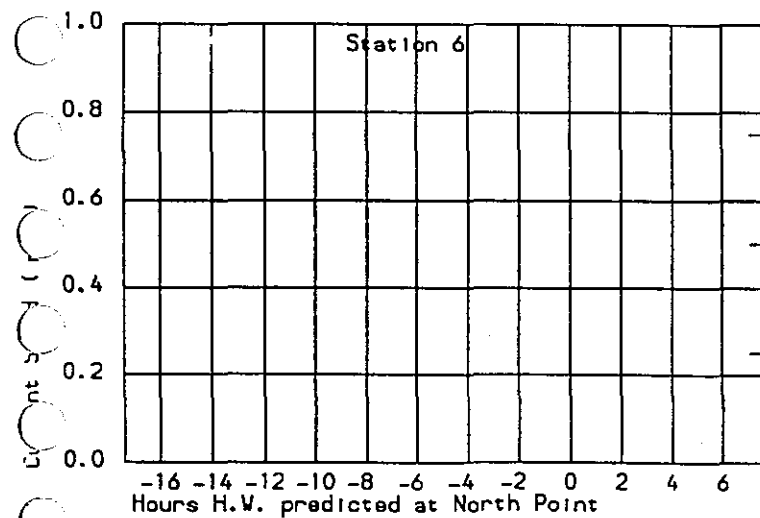
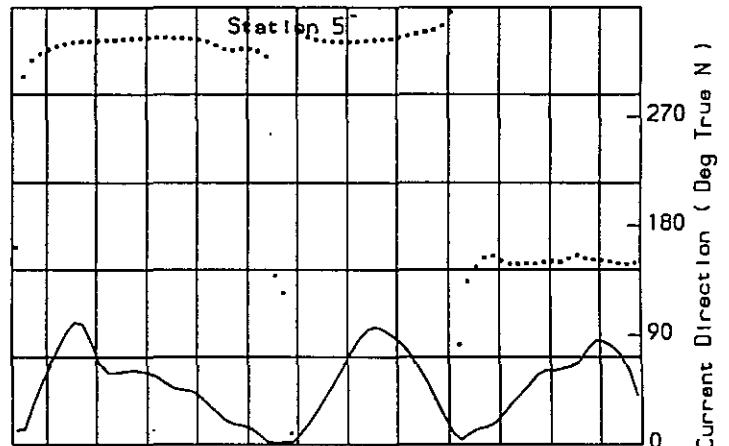
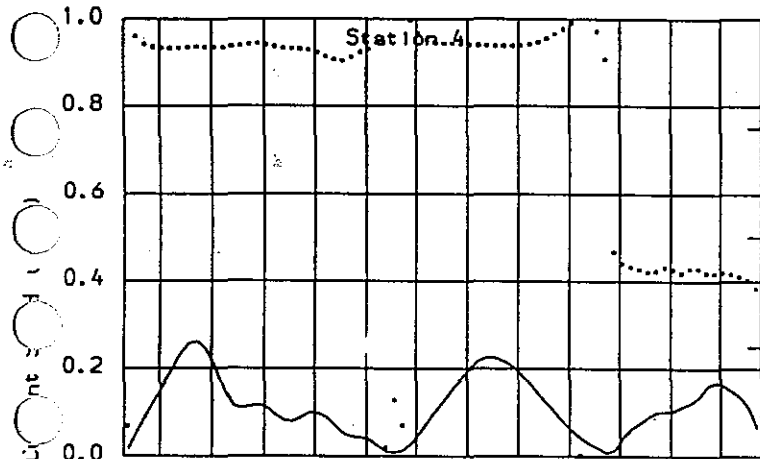
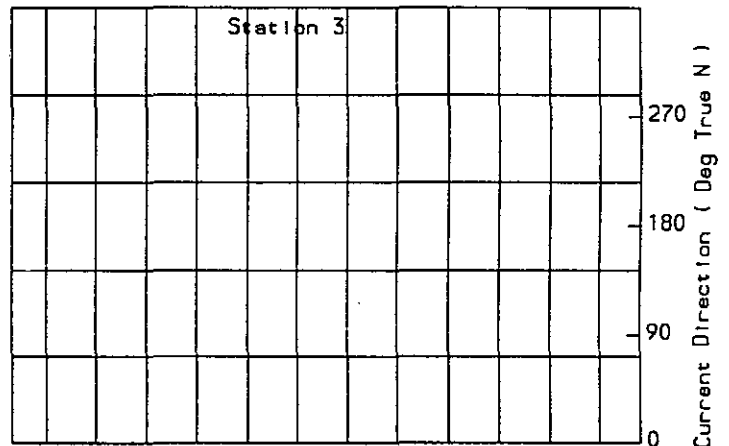
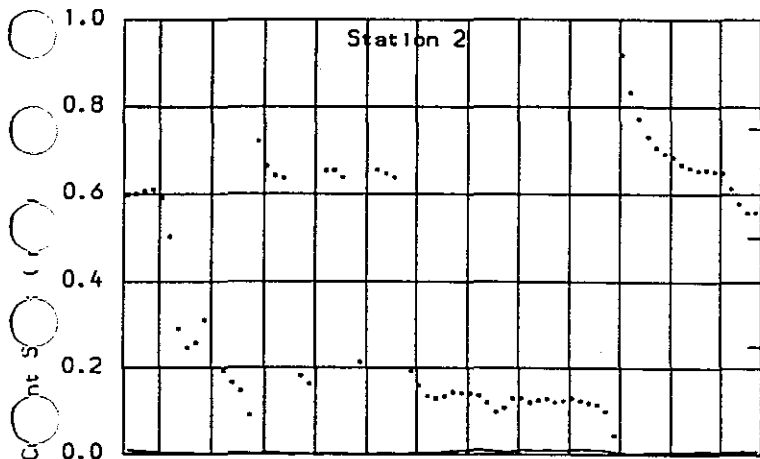
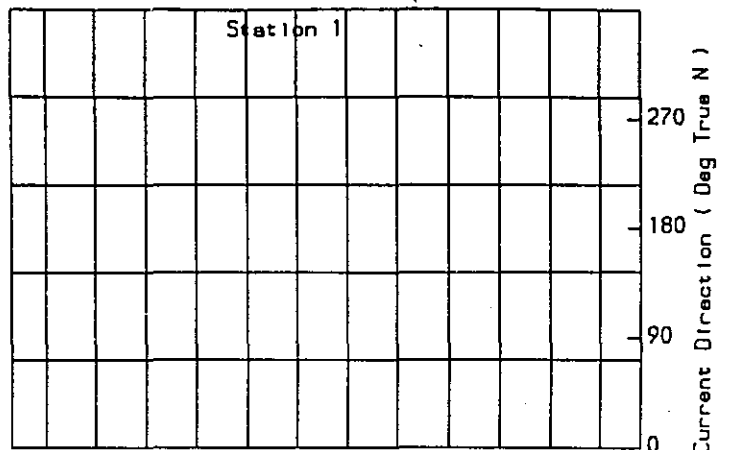
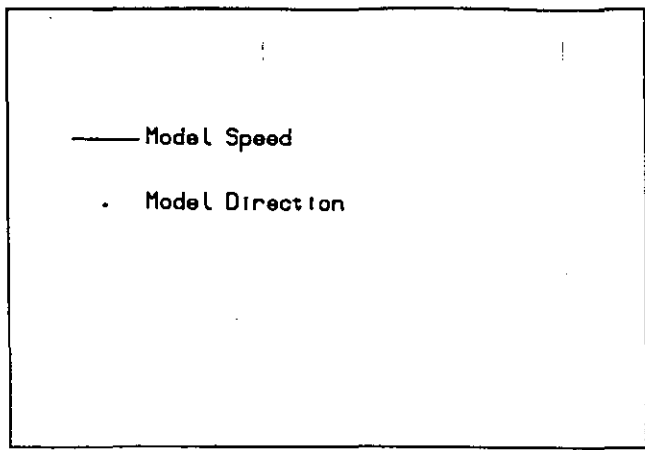


Fig 14g Green Island Reclamation - Case 4
 Wet season Spring tide - Upper layer



Hours H.W. predicted at North Point

-16 -14 -12 -10 -8 -6 -4 -2 0 2 4 6

Fig 14h Green Island Reclamation - Case 4
 Wet season Spring tide - Lower layer

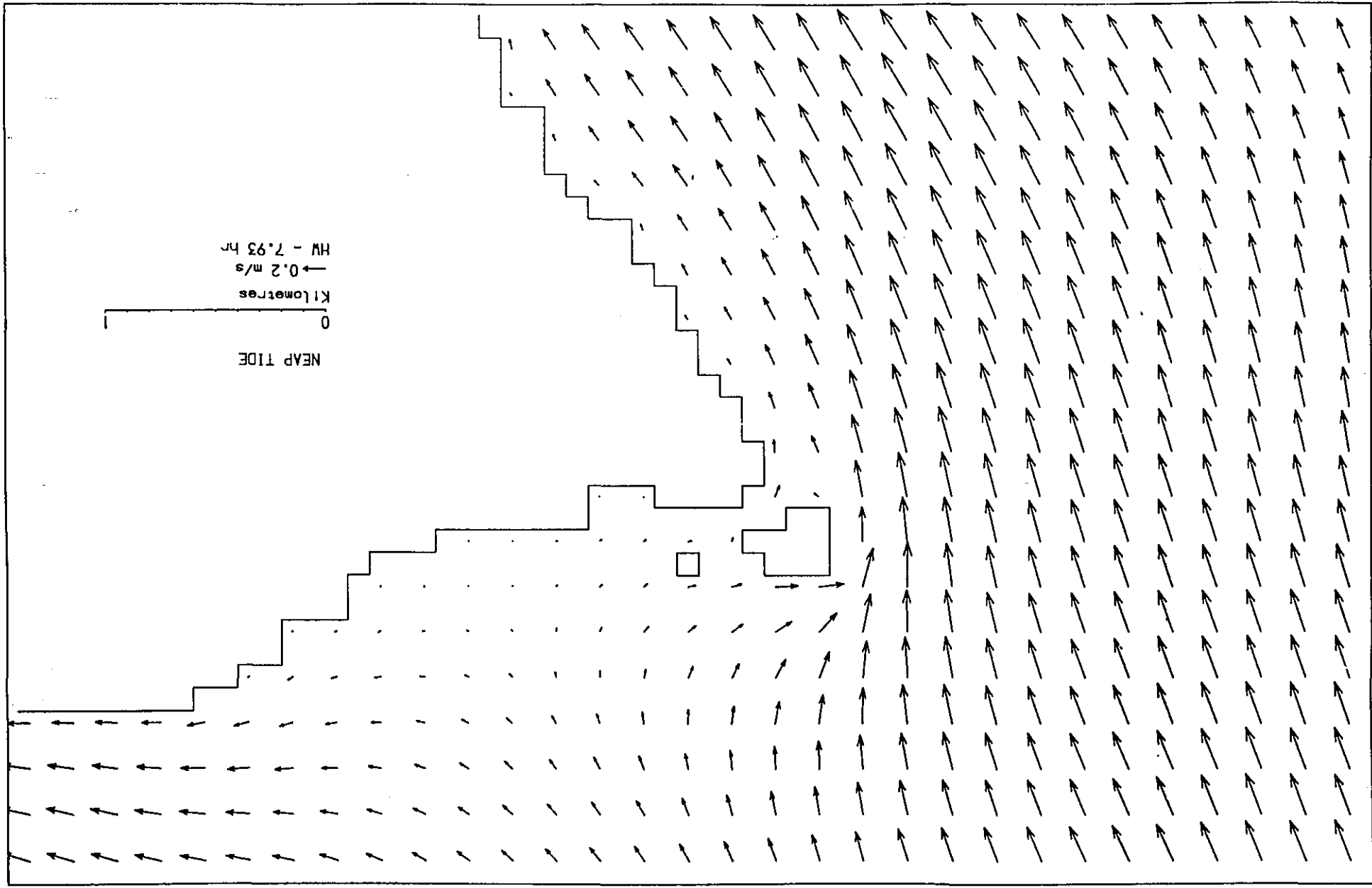


Fig 1(a) Green Island Reclamation - Case 4
 Dry season Neap Ebb - Upper layer

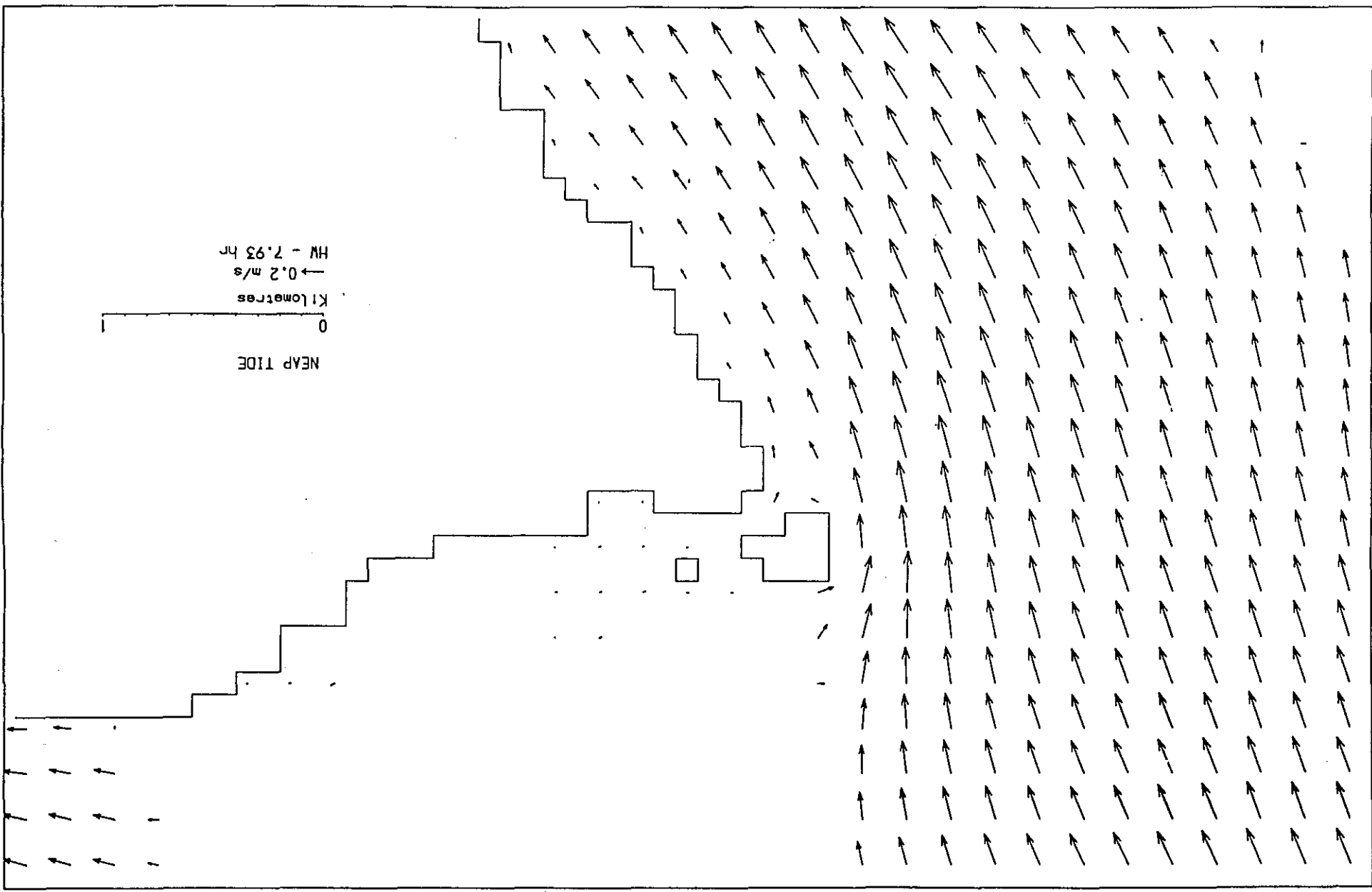


Fig 15b Green Island Reclamation - Case 4
 Dry season Neap Ebb - Lower layer

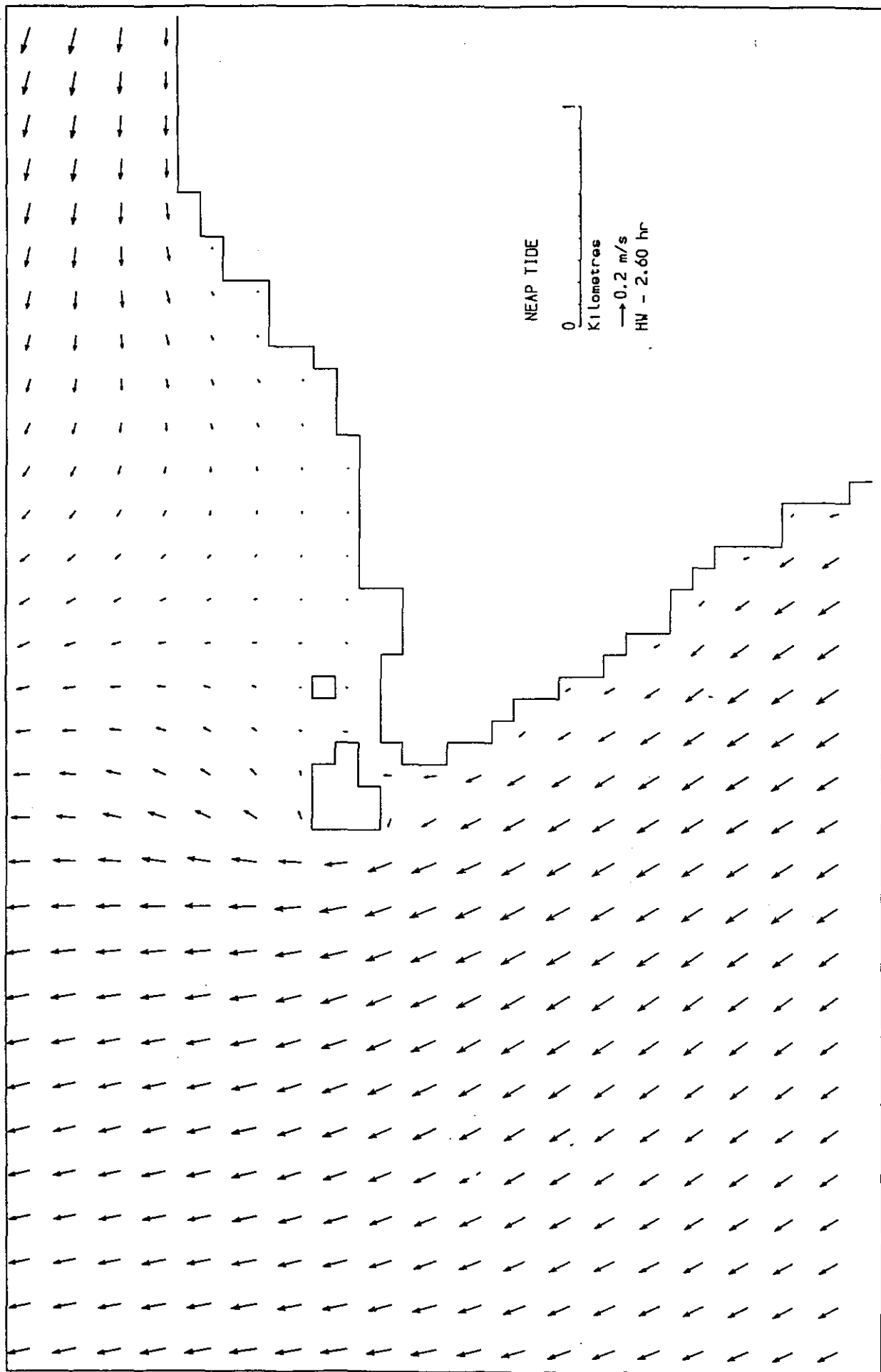


Fig 15c Green Island Reclamation - Case 4
Dry season Neap Flood - Upper layer

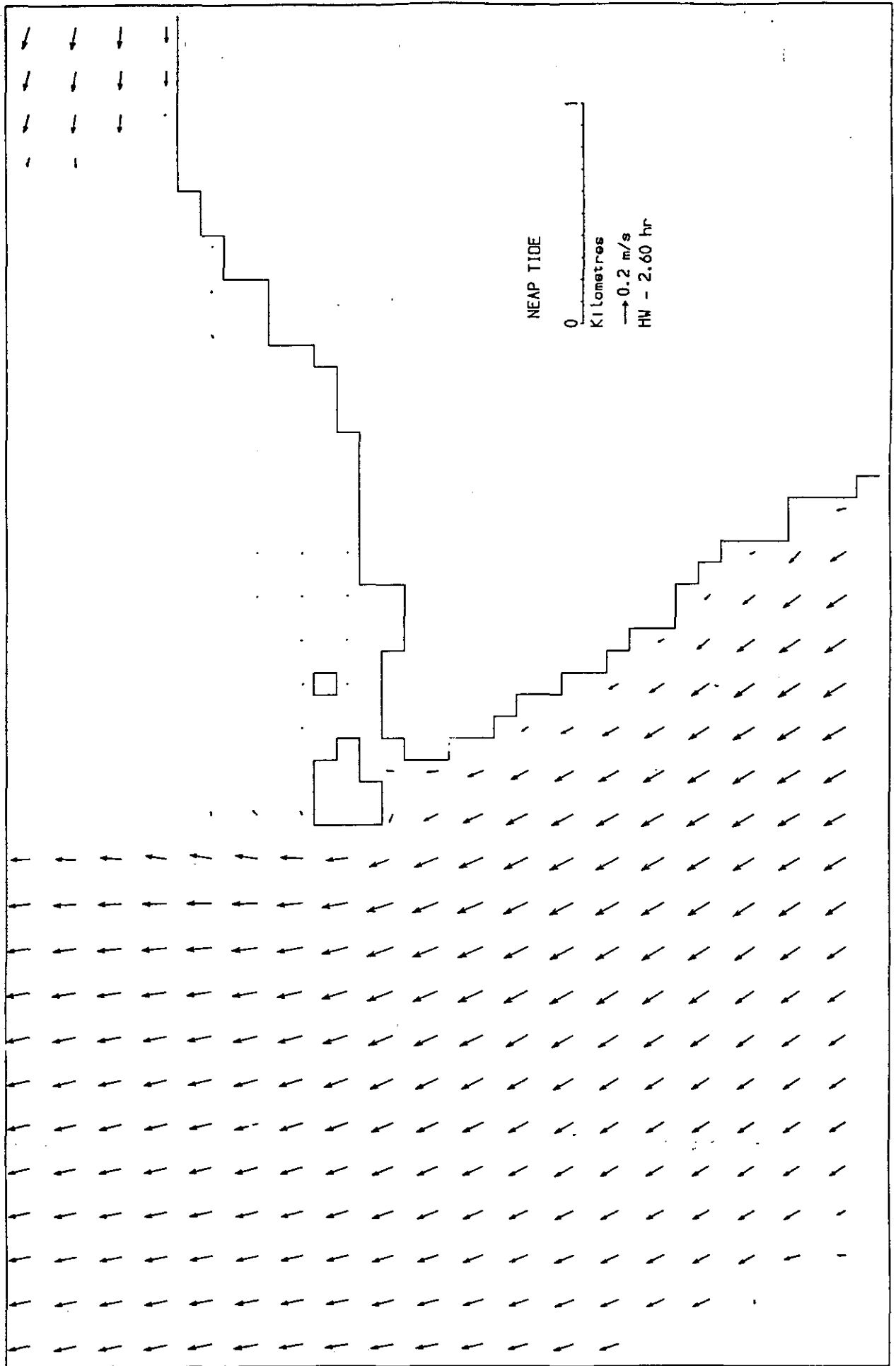


Fig 15a Green Island Reclamation - Case 4
 Dry season Neap Flood - Lower layer

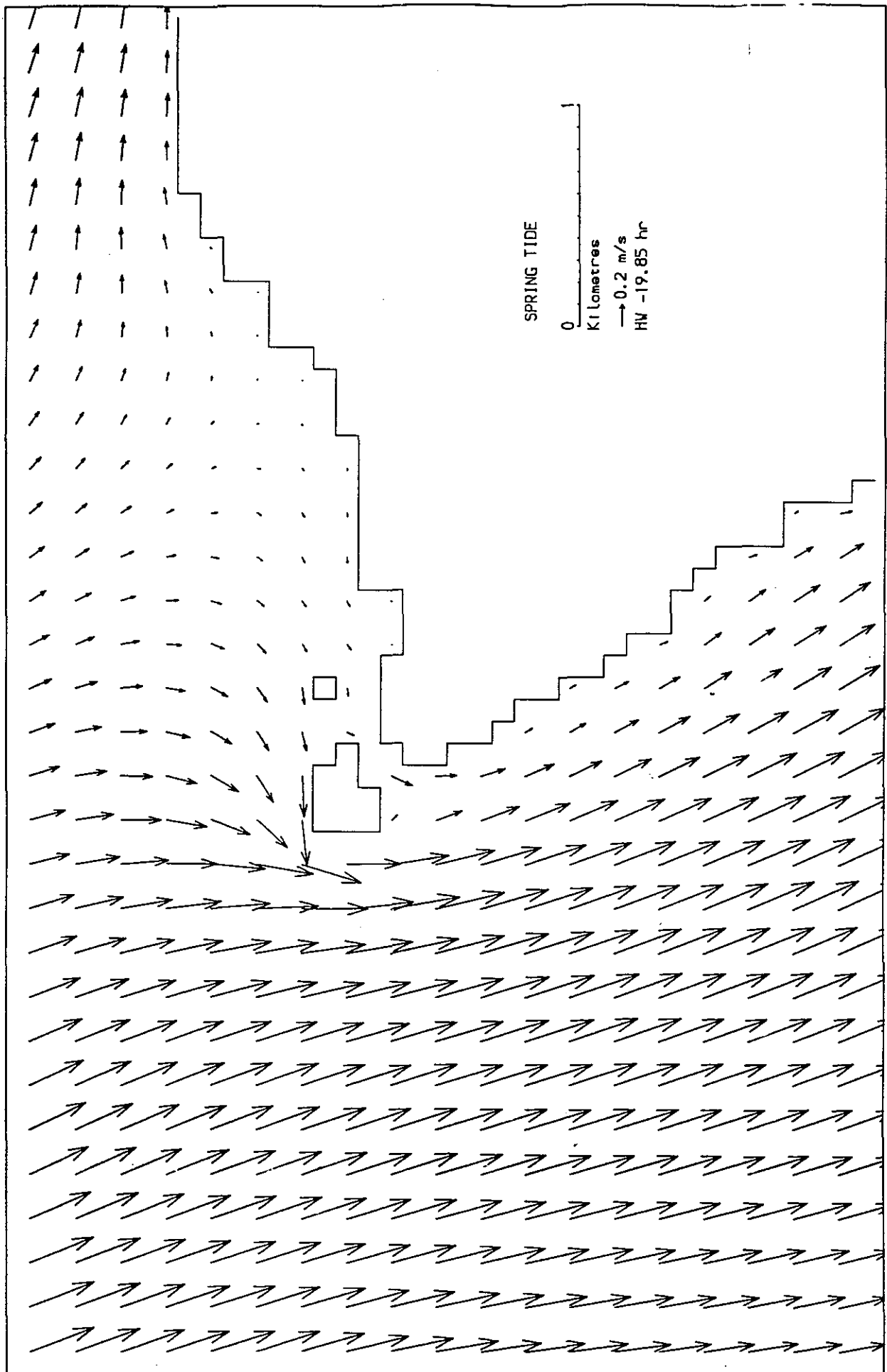


Figure Green Island Reclamation - Case 4
 Dry season Spring Ebb - Upper layer

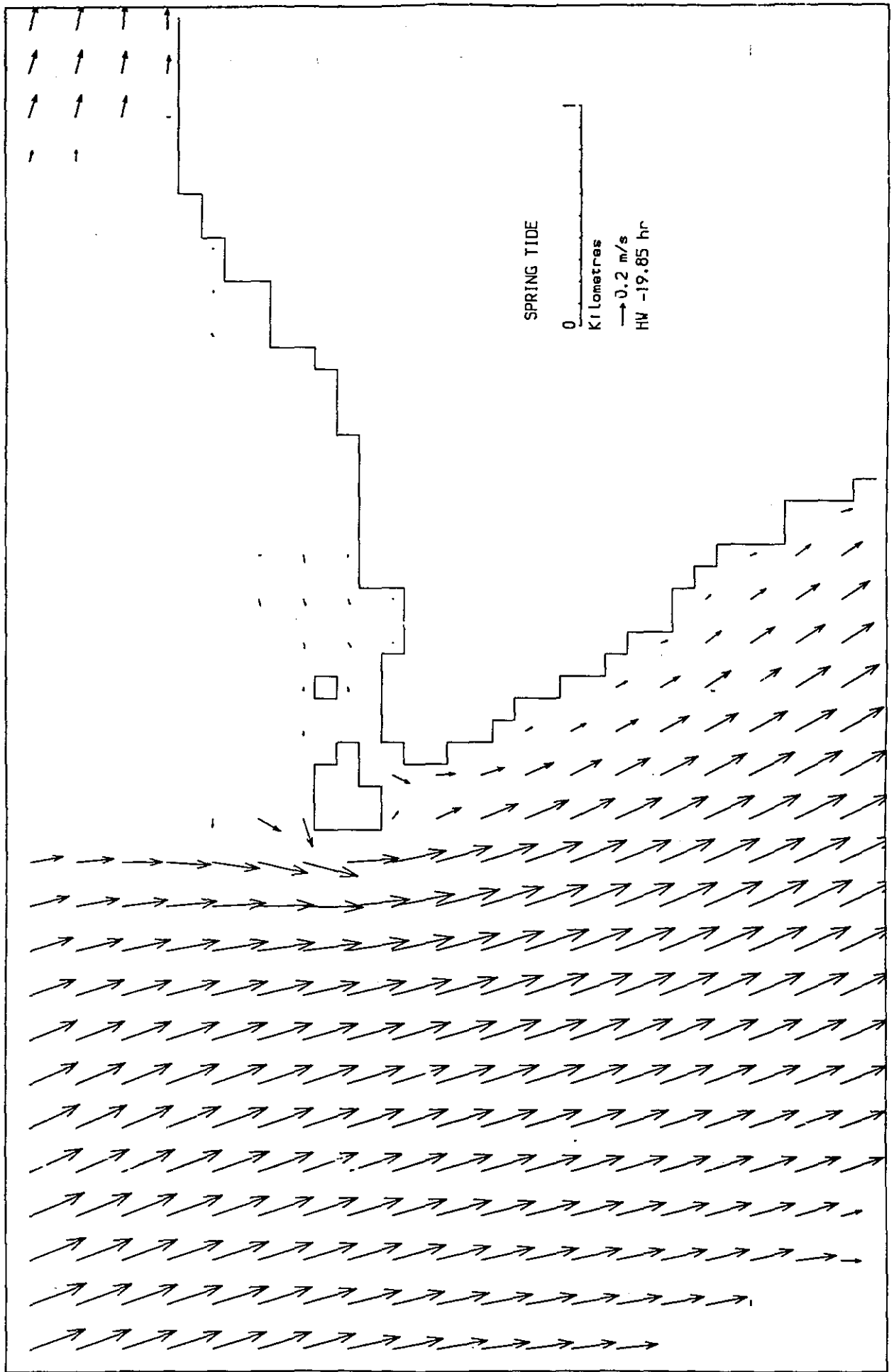
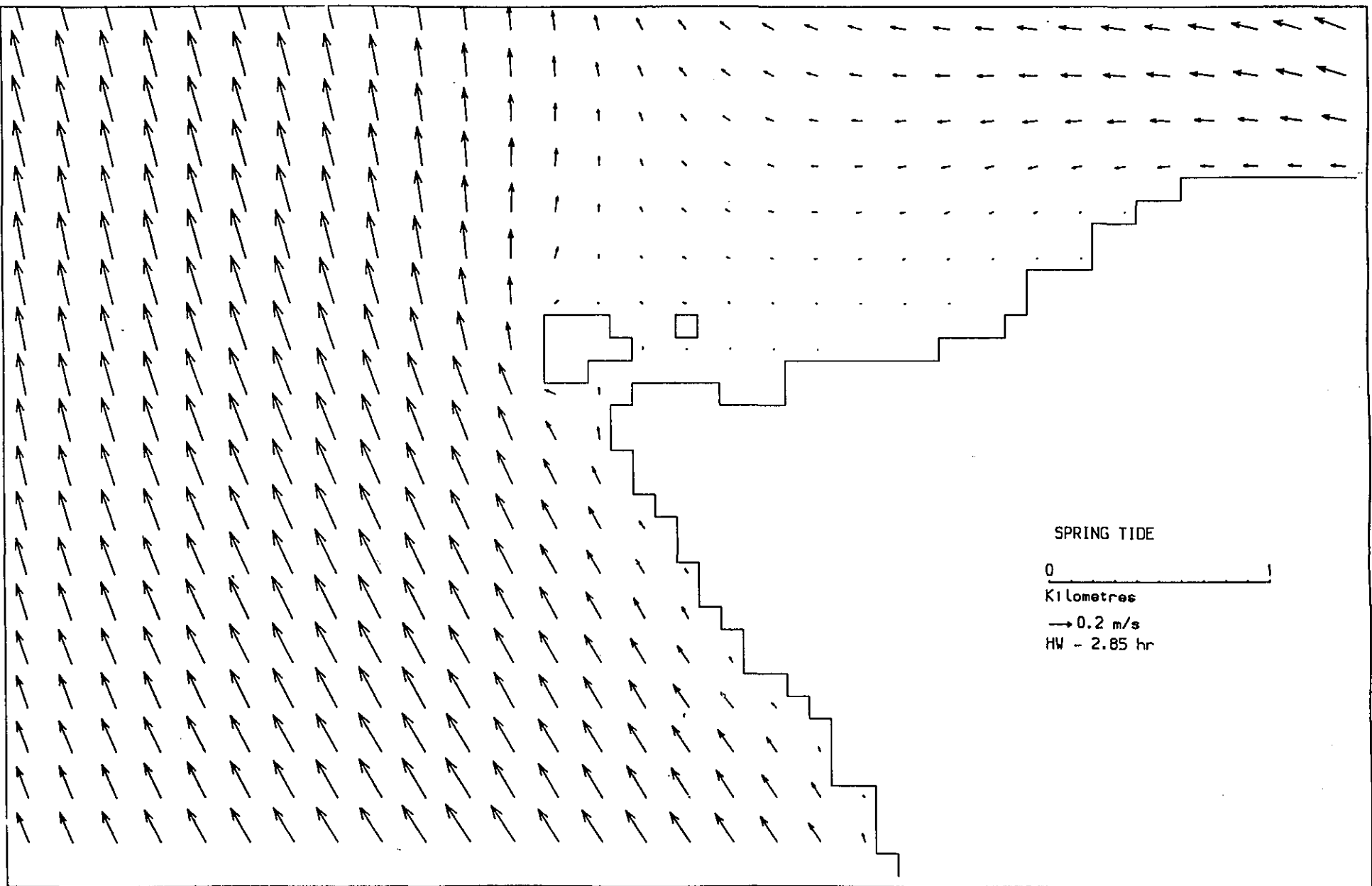


Fig 15.f Green Island Reclamation - Case 4
 Dry season Spring Ebb - Lower layer

Fig 154. Green Island Reclamation - Case 4
Dry season Spring Flood - Upper Layer



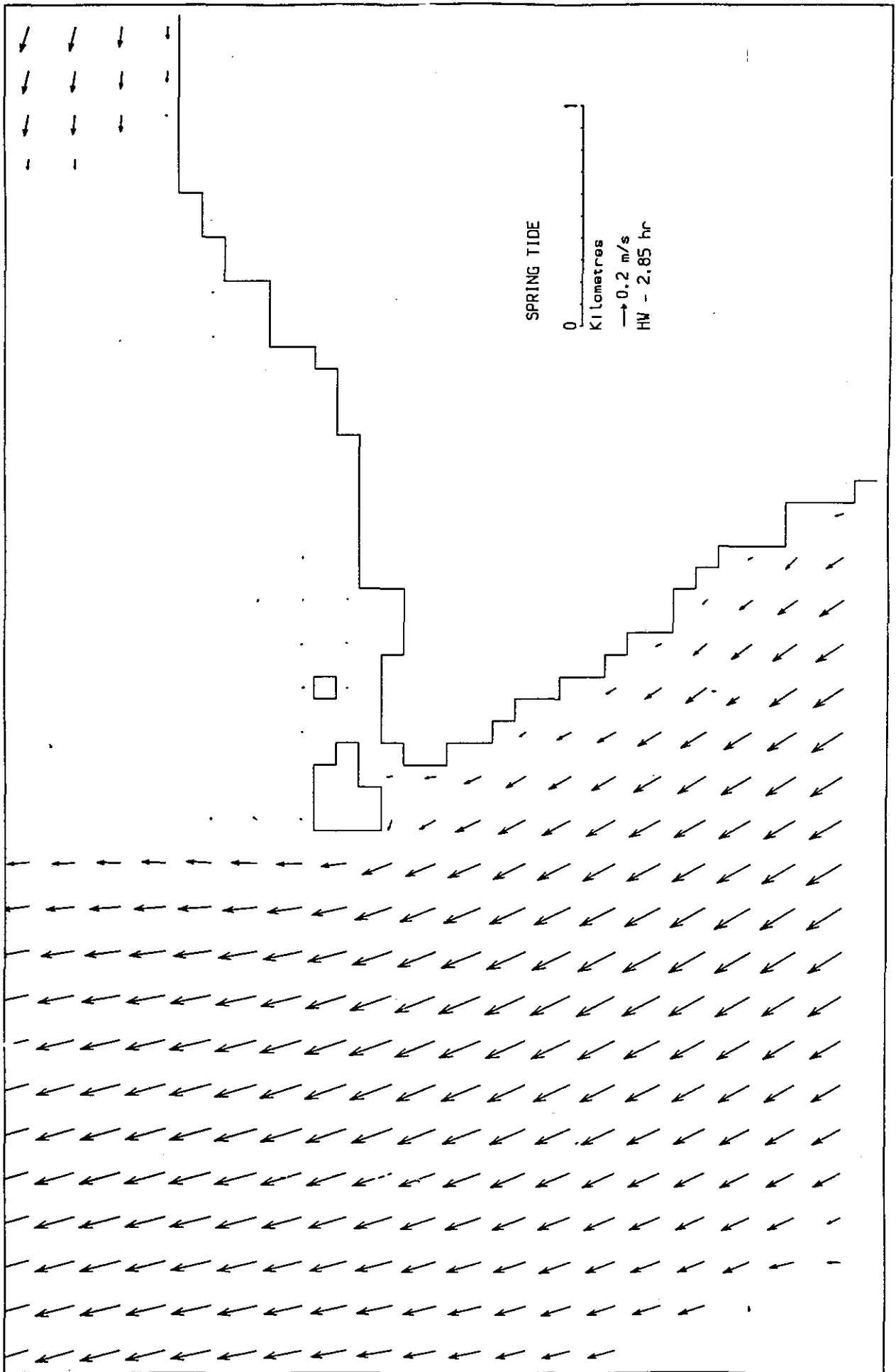


Fig 15h Green Island Reclamation - Case 4
Dry season Spring Flood - Lower layer

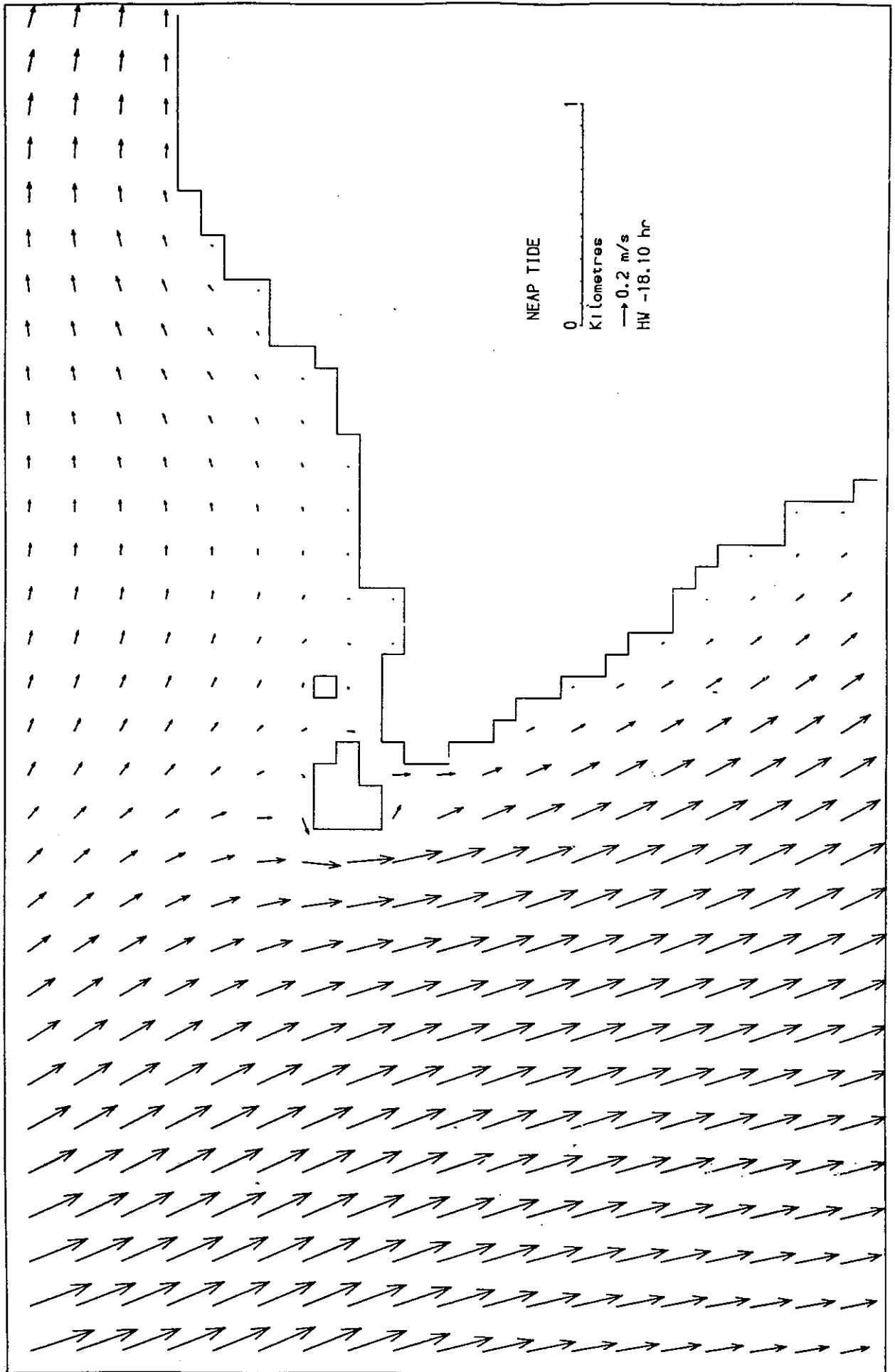


Fig 15i Green Island Reclamation - Case 4
Wet season Neap Ebb - Upper layer

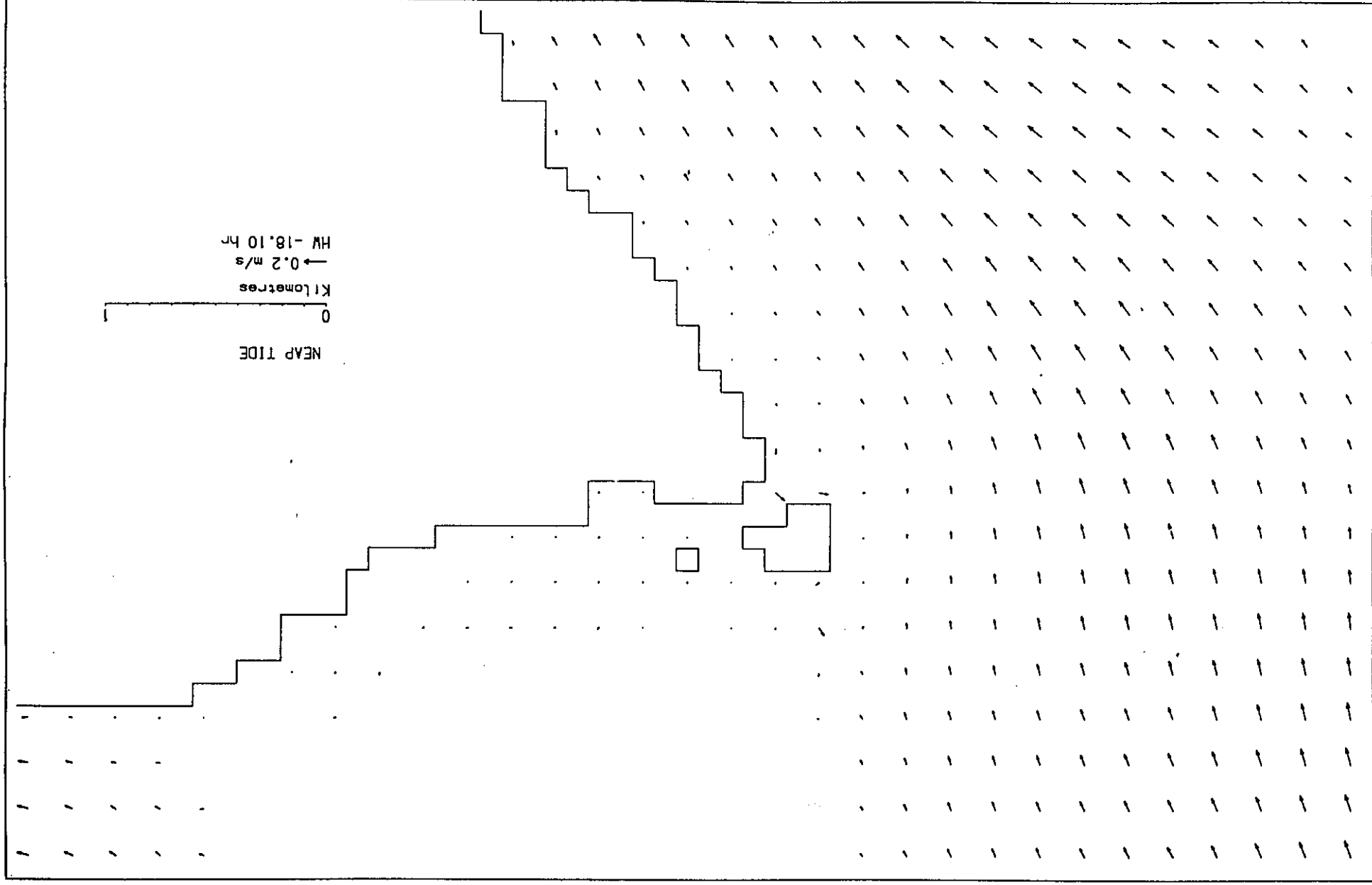
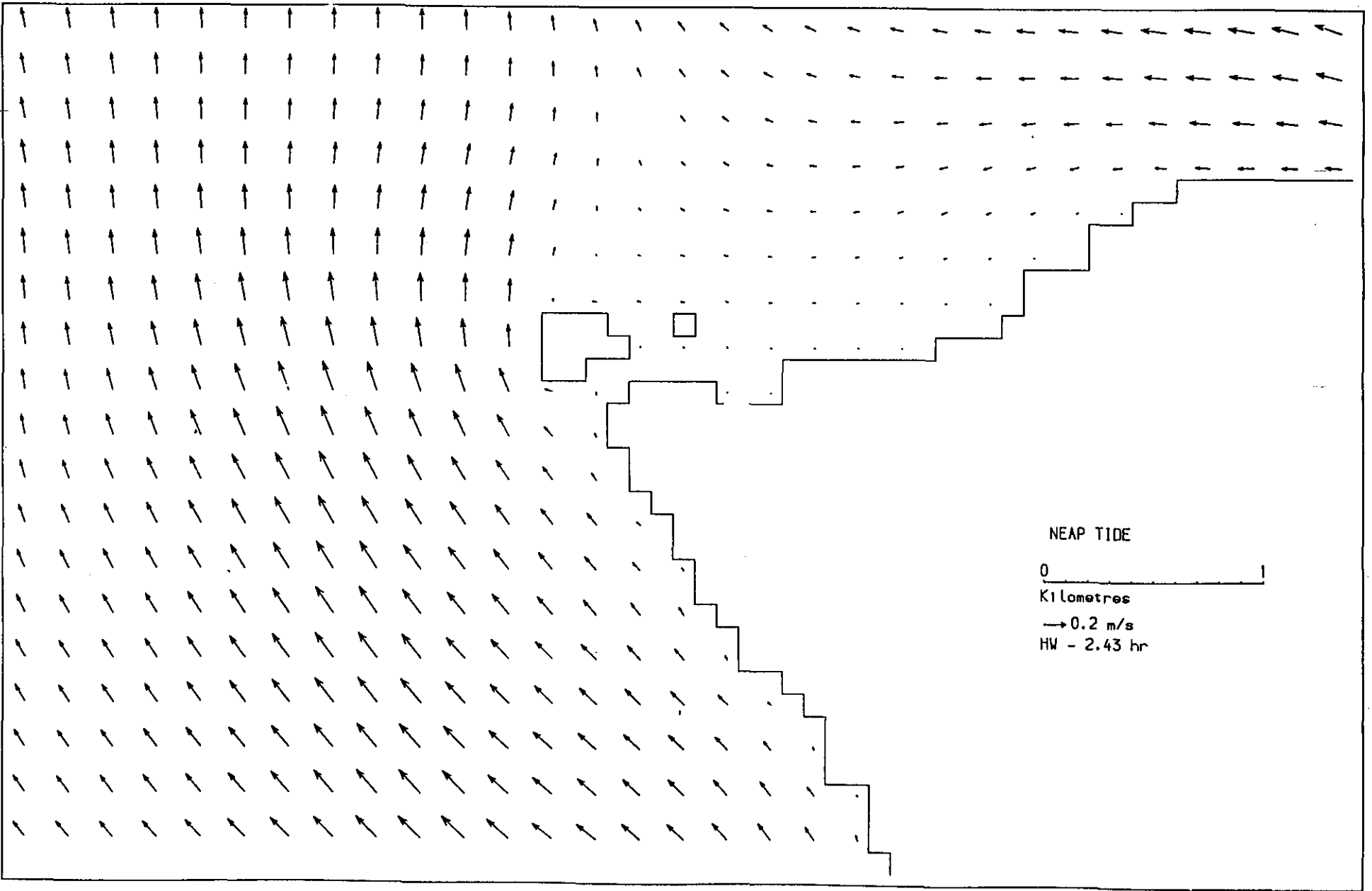


Fig 15j Green Island Reclamation - Case 4
Wet season Neap Ebb - Lower layer

Fig 15K Green Island Reclamation - Case 4
Wet season Neap Flood - Upper layer



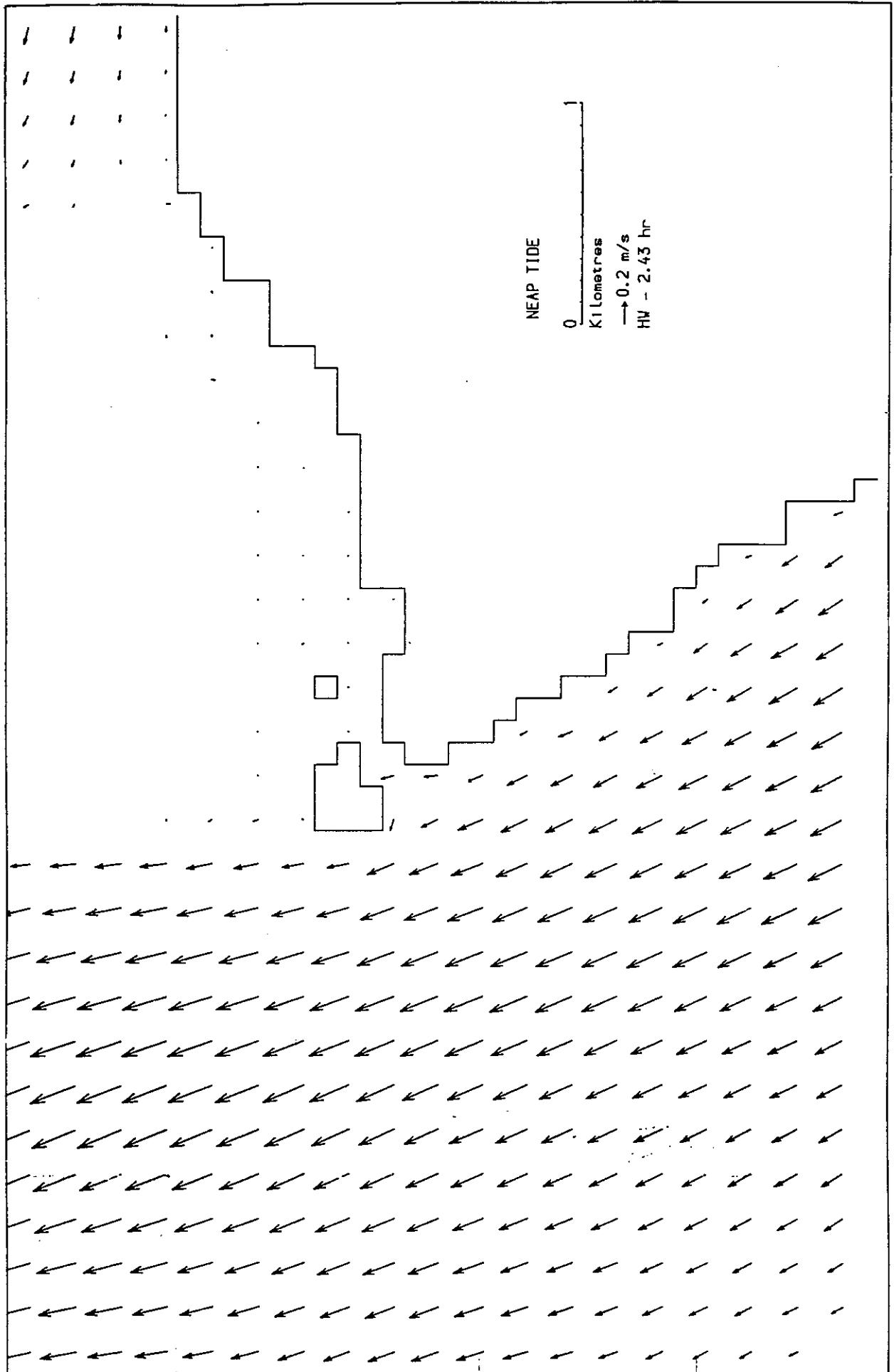


Fig 15l Green Island Reclamation - Case 4
Wet season Neap Flood - Lower layer

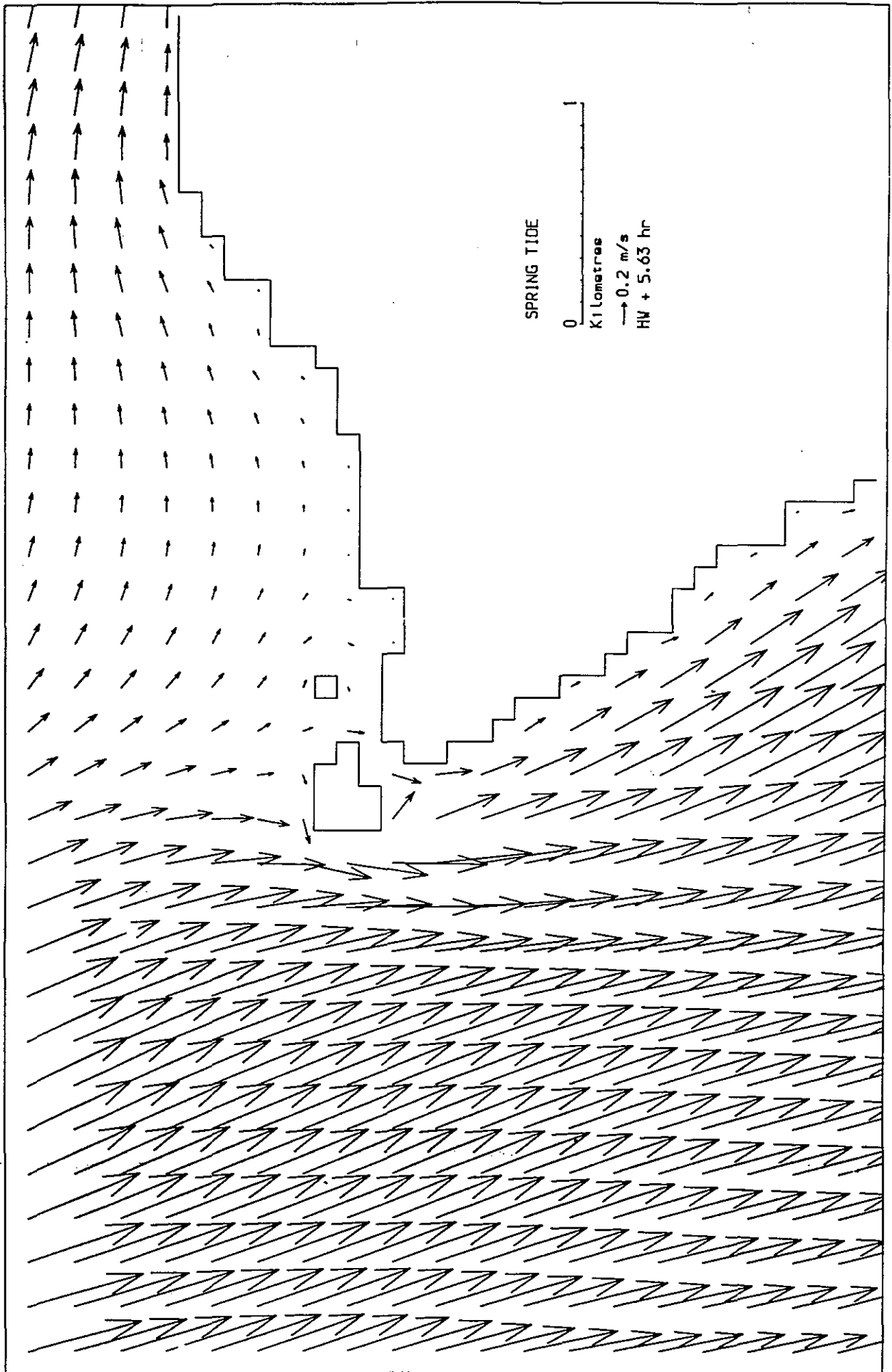


Fig 15m Green Island Reclamation - Case 4
Wet season Spring Ebb - Upper layer

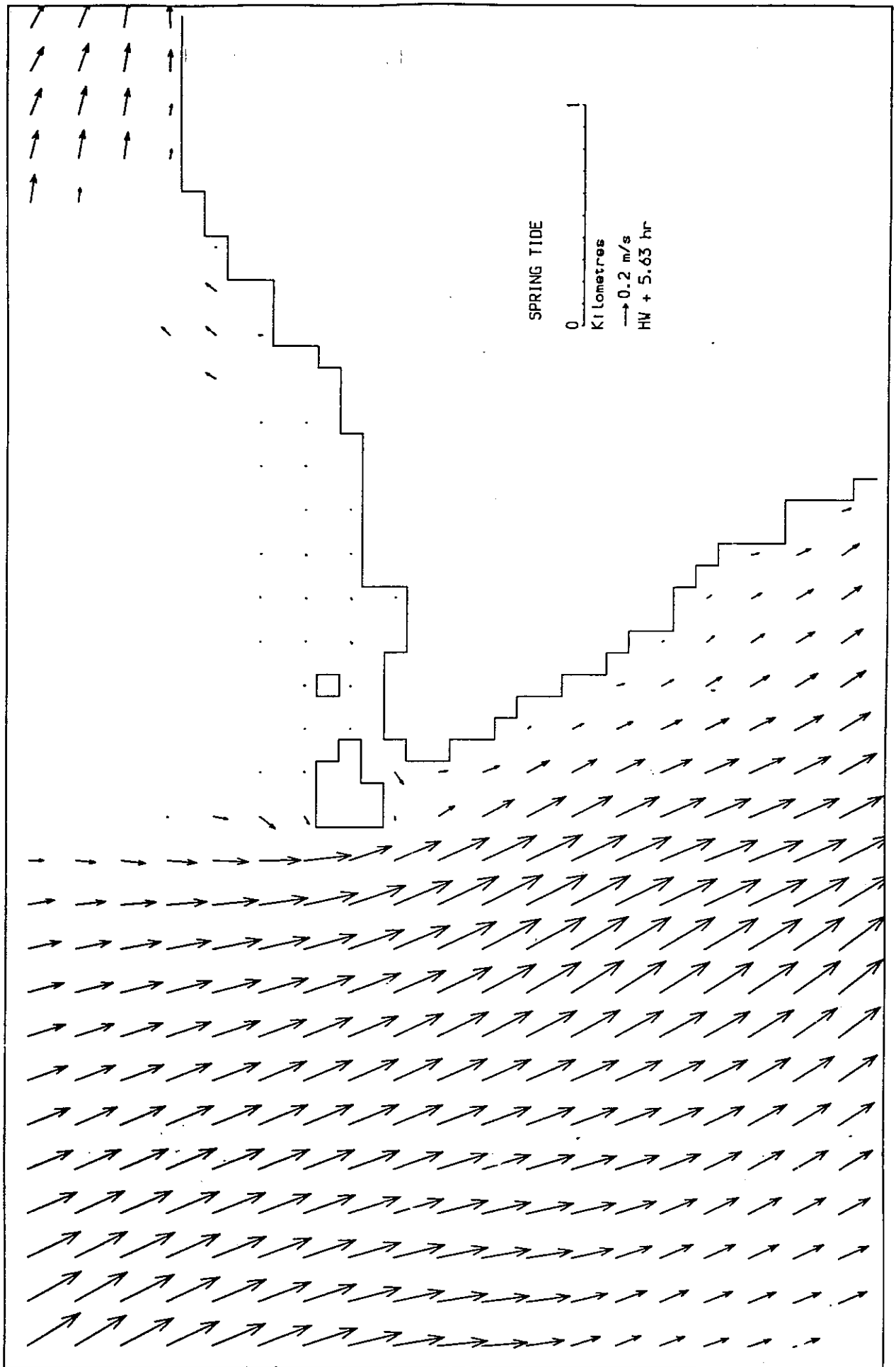


Fig 15n Green Island Reclamation - Case 4
Wet season Spring Ebb - Lower layer

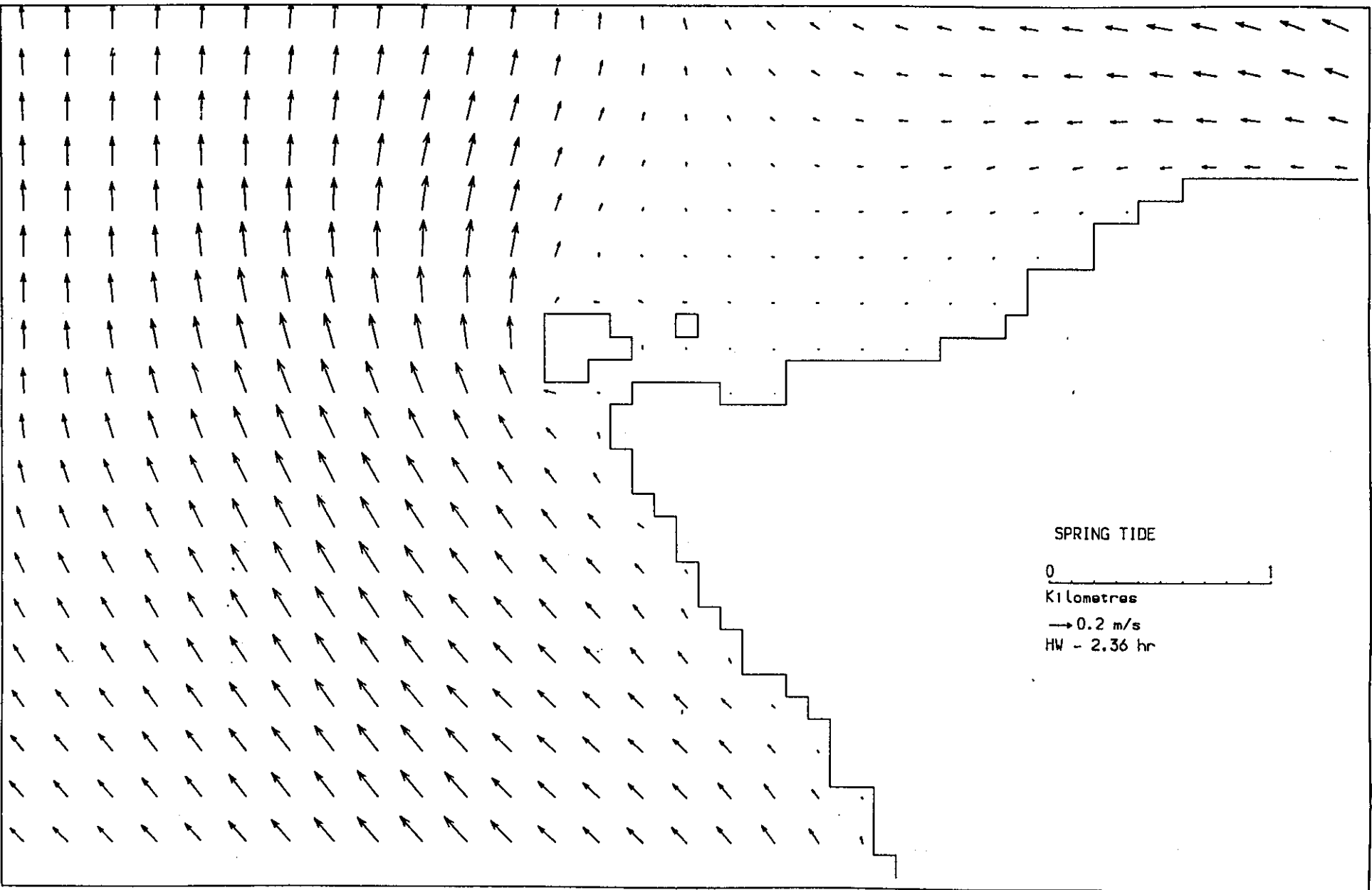


Fig 15o Green Island Reclamation - Case 4
Wet season Spring Flood - Upper layer

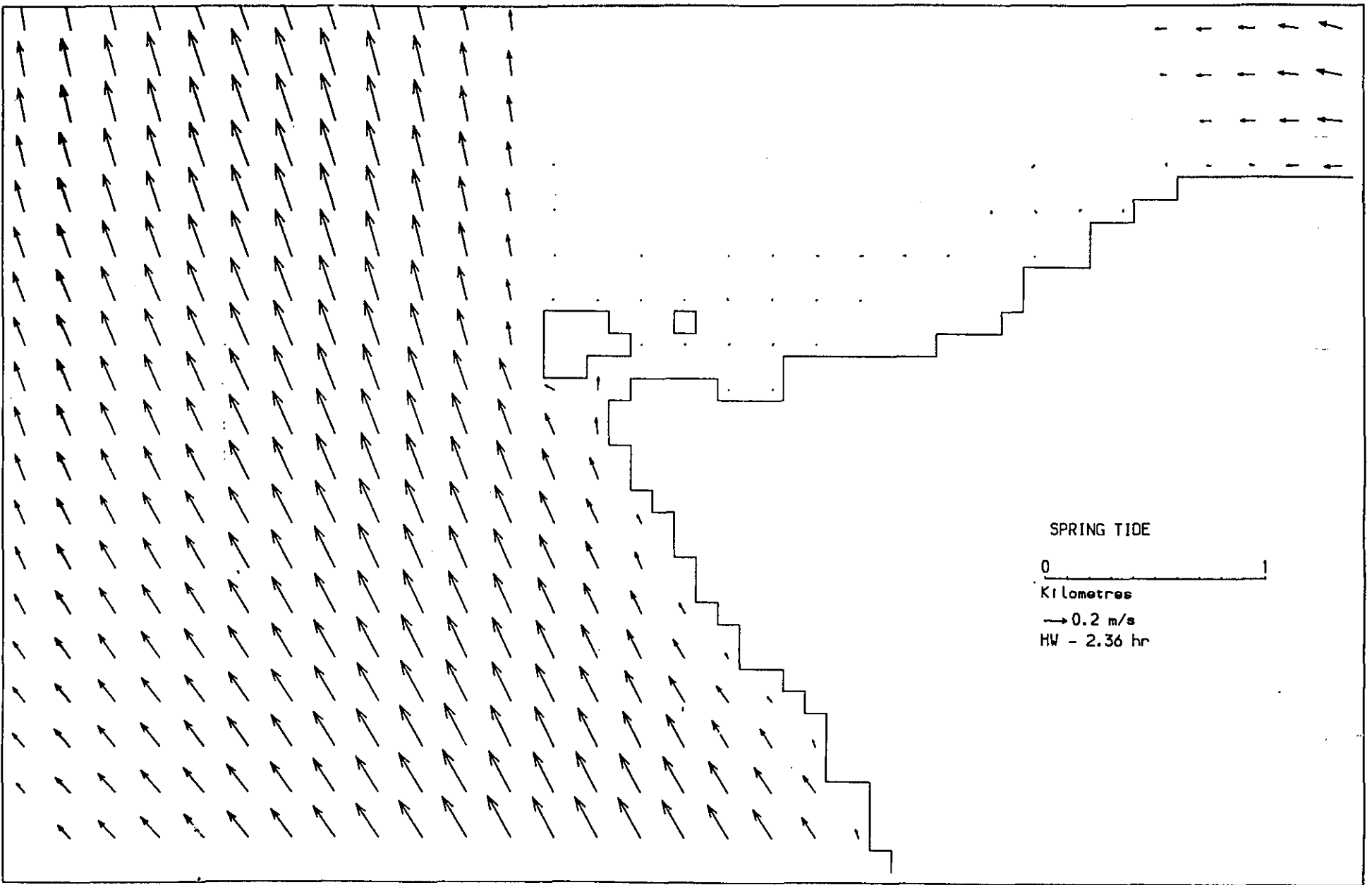


Fig 15p Green Island Reclamation - Case 4
 Wet season Spring Flood - Lower Layer

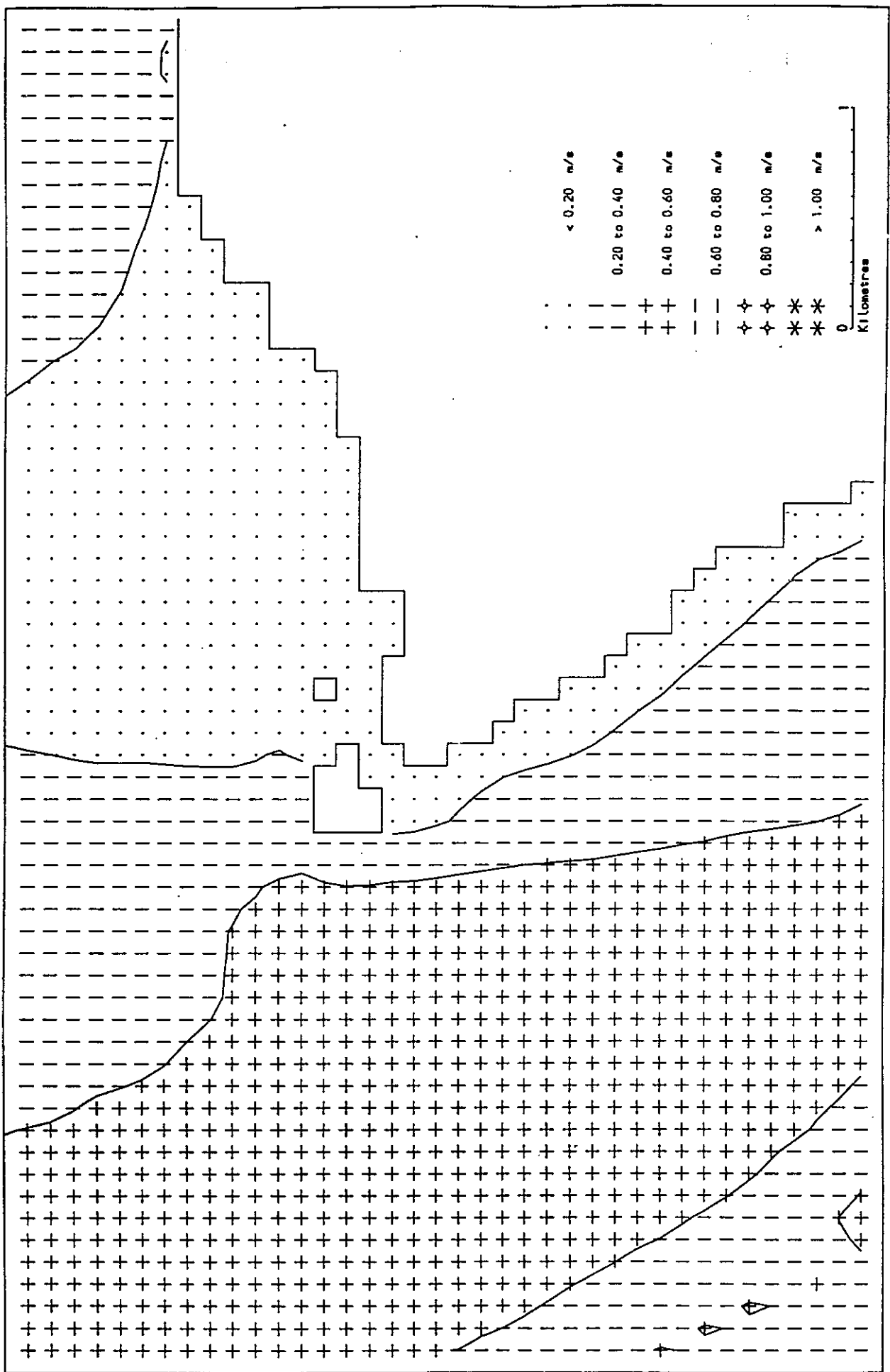


Fig 16a Green Island Reclamation - Upper layer
 Dry season Neap Peak Speed - Case 4

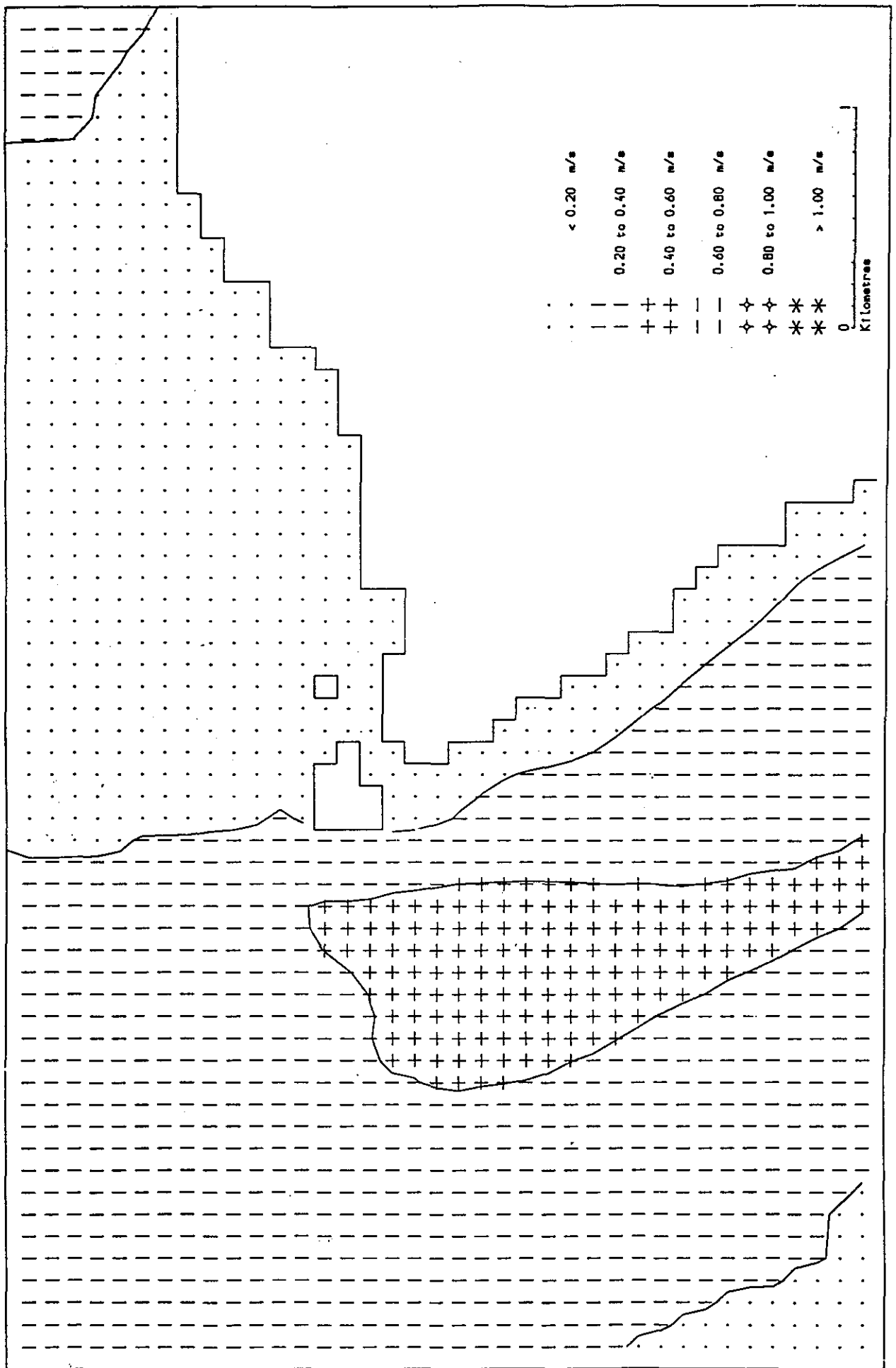


Fig 16b: Green Island Reclamation. - Lower layer
 Dry season Neap Peak Speed - Case 4

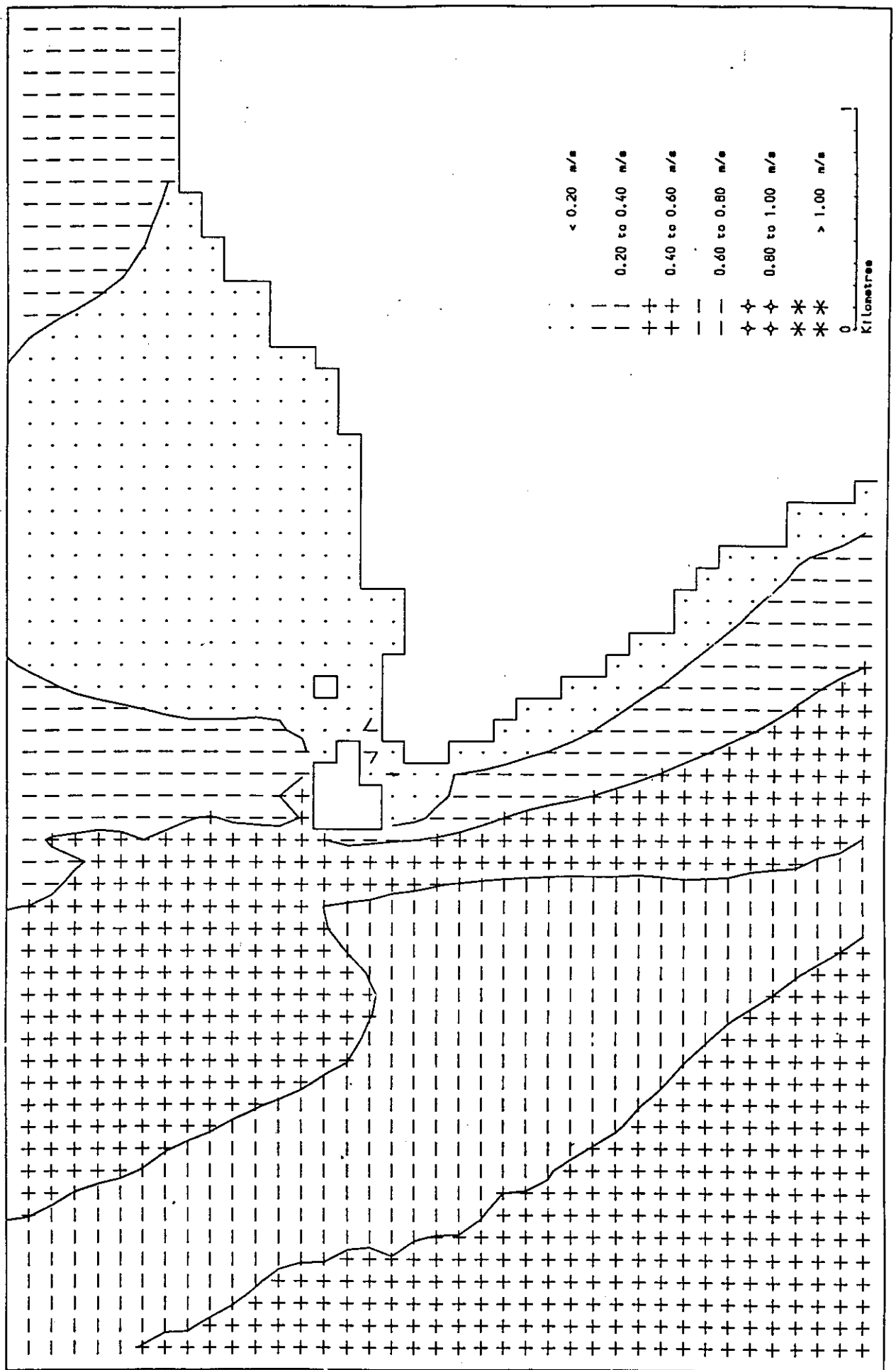


Fig 16c Green Island Reclamation - Upper layer
 Dry season Spring Peak Speed - Case 4

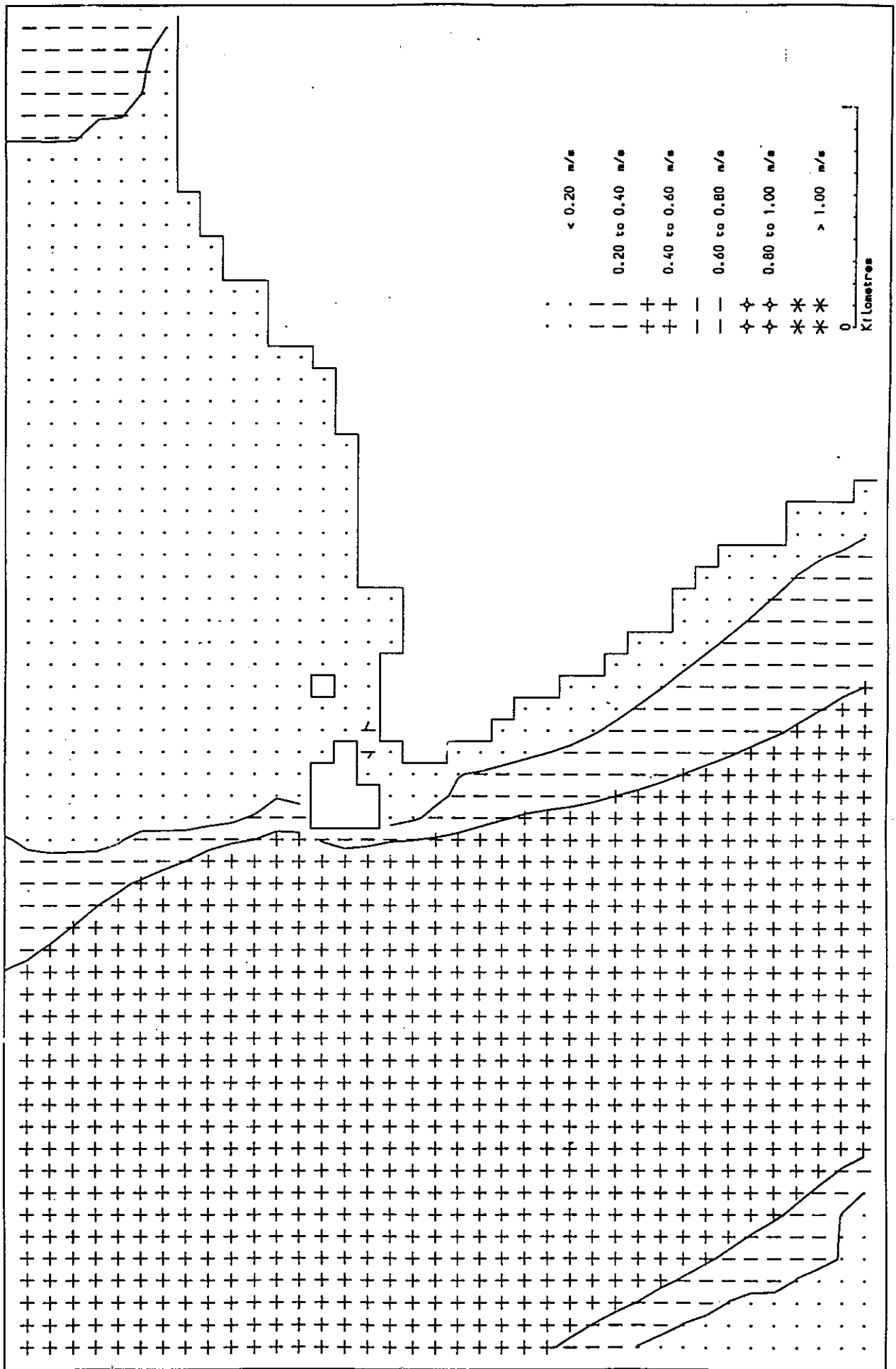


Fig 16d Green Island Reclamation - Lower layer
 Dry season Spring Peak Speed - Case 4

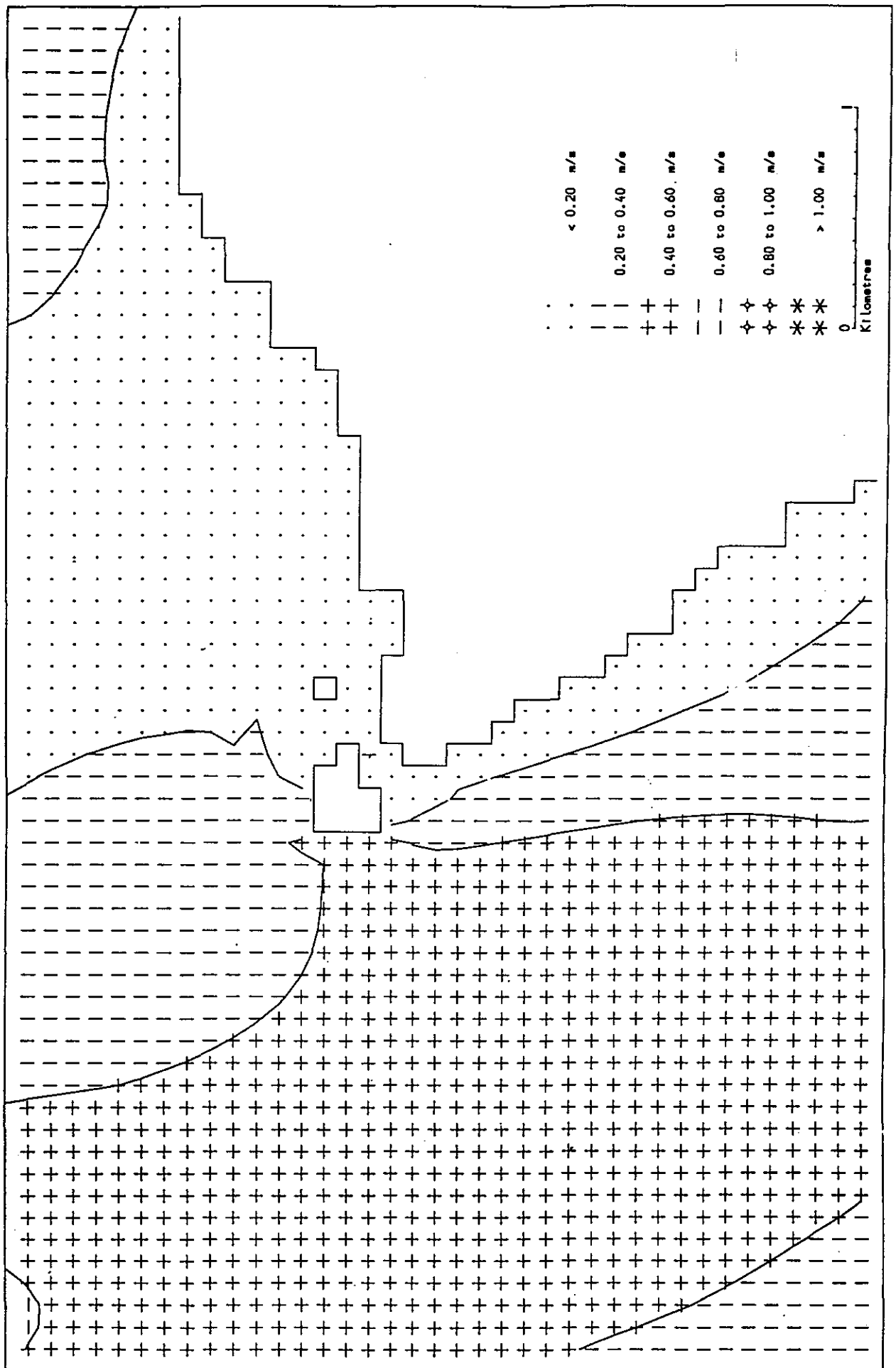


Fig 16e Green Island Reclamation - Upper layer
Wet season Neap Peak Speed - Case 4

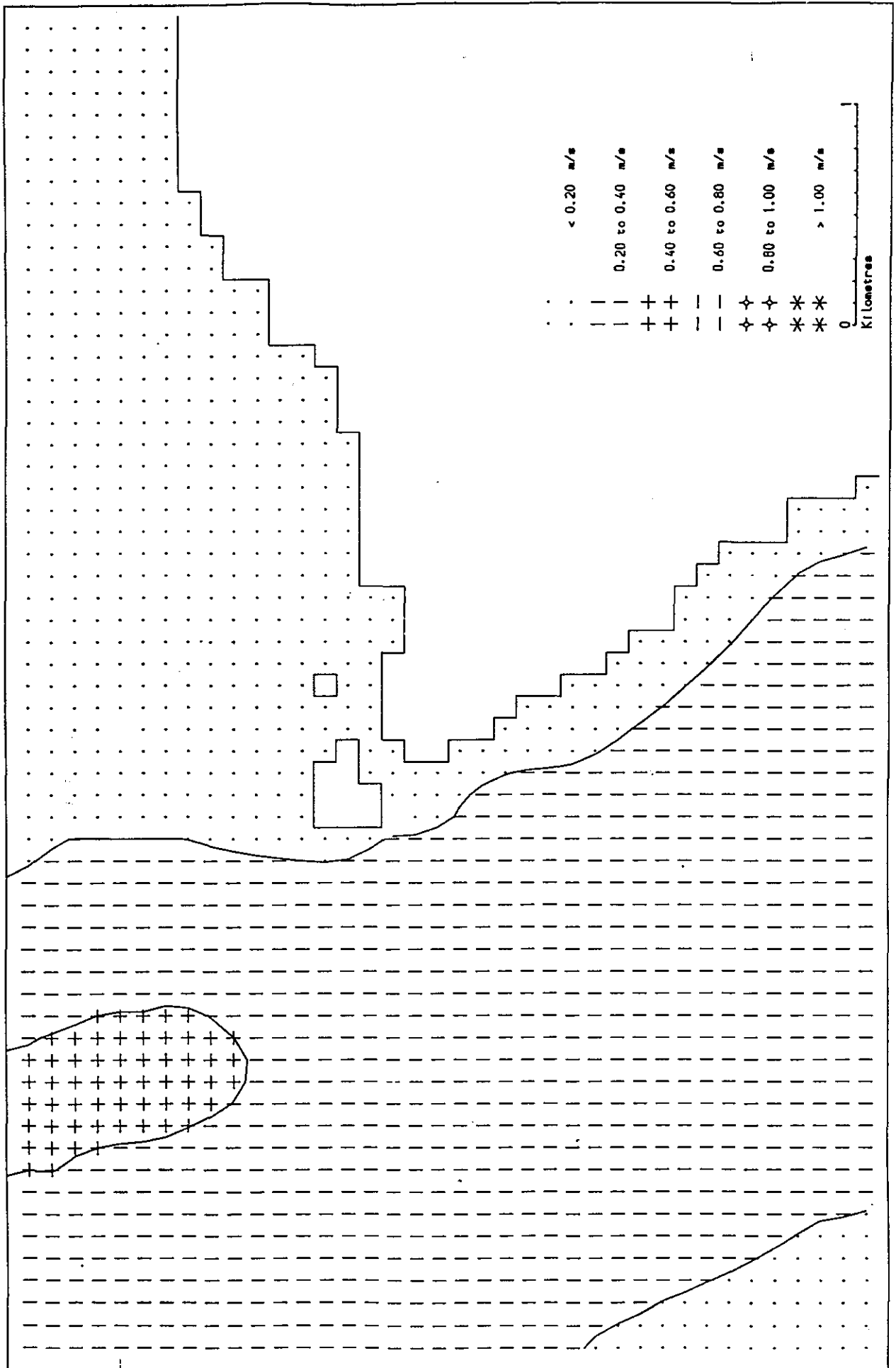


Fig 16f Green Island Reclamation - Lower layer
 Wet season Neap Peak Speed - Case 4

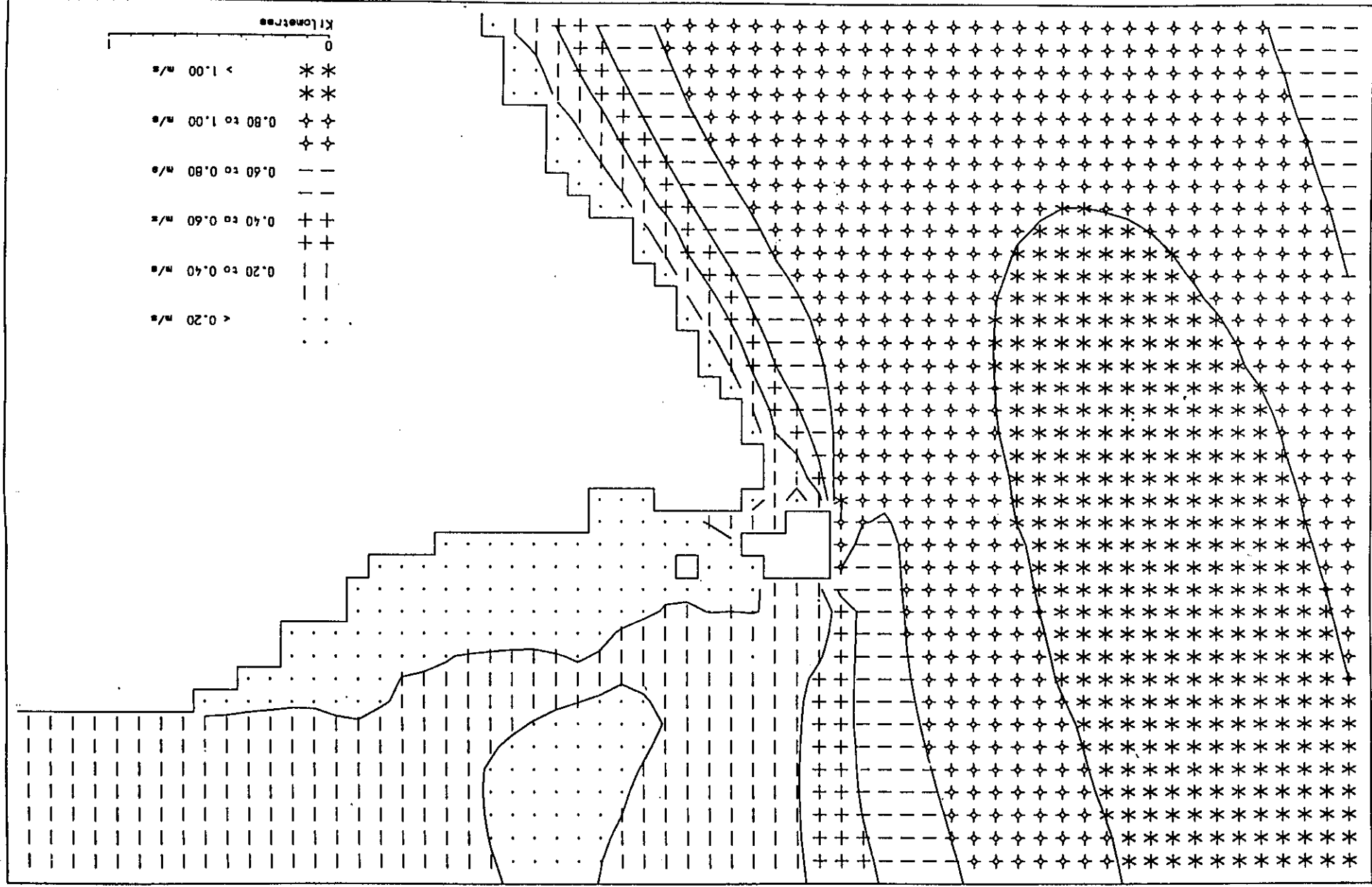


Fig 16g. Green Island Reclamation - Upper layer
Wet season Spring Peak Speed - Case 4

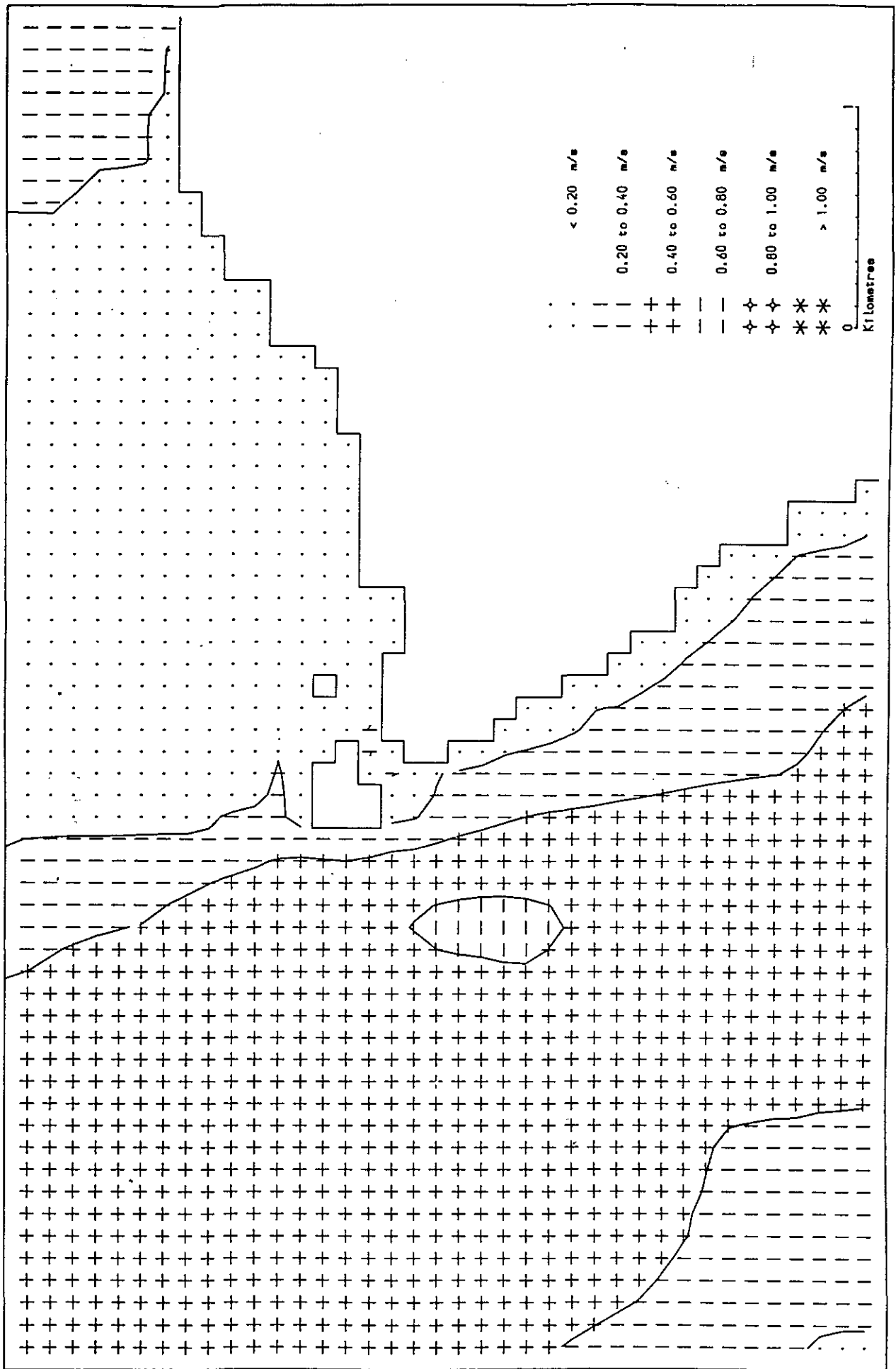


Fig 16h Green Island Reclamation - Lower layer
Wet season Spring Peak Speed - Case 4

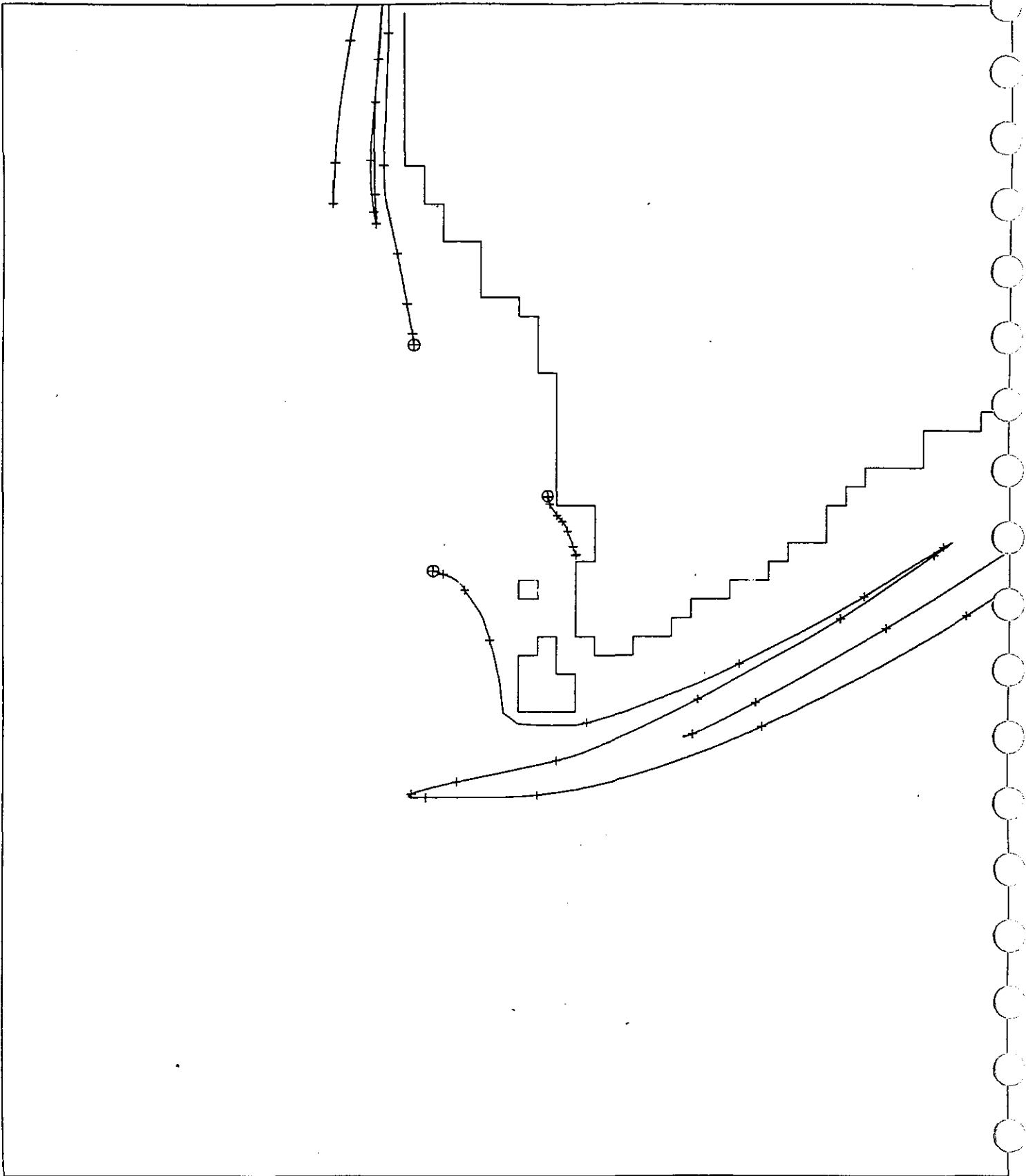


Fig 17a Green Island Reclamation - Case 4
Dry season Neap tide - Released at HHW

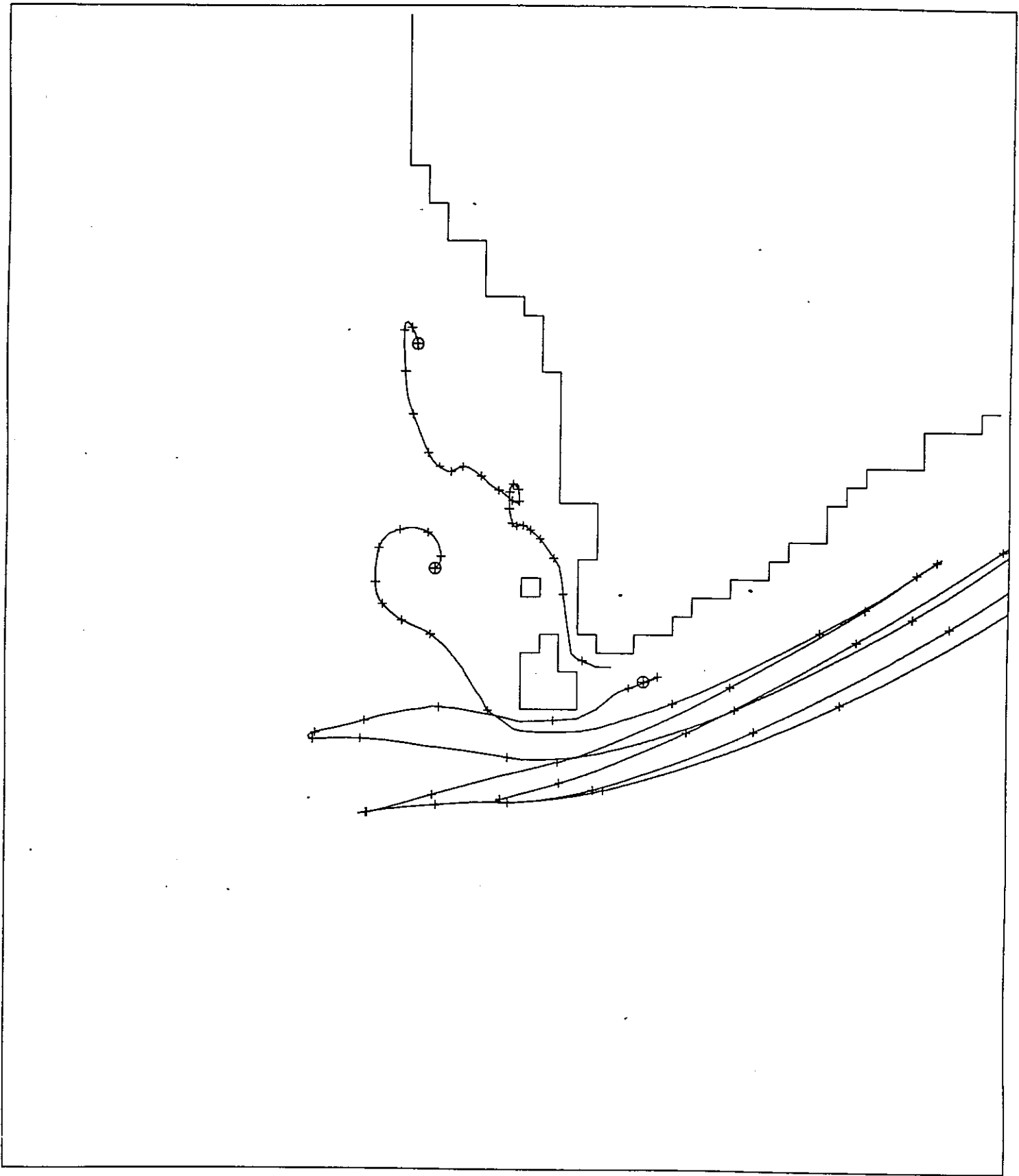


Fig 17b Green Island Reclamation - Case 4
Dry season Neap tide - Released at LLW

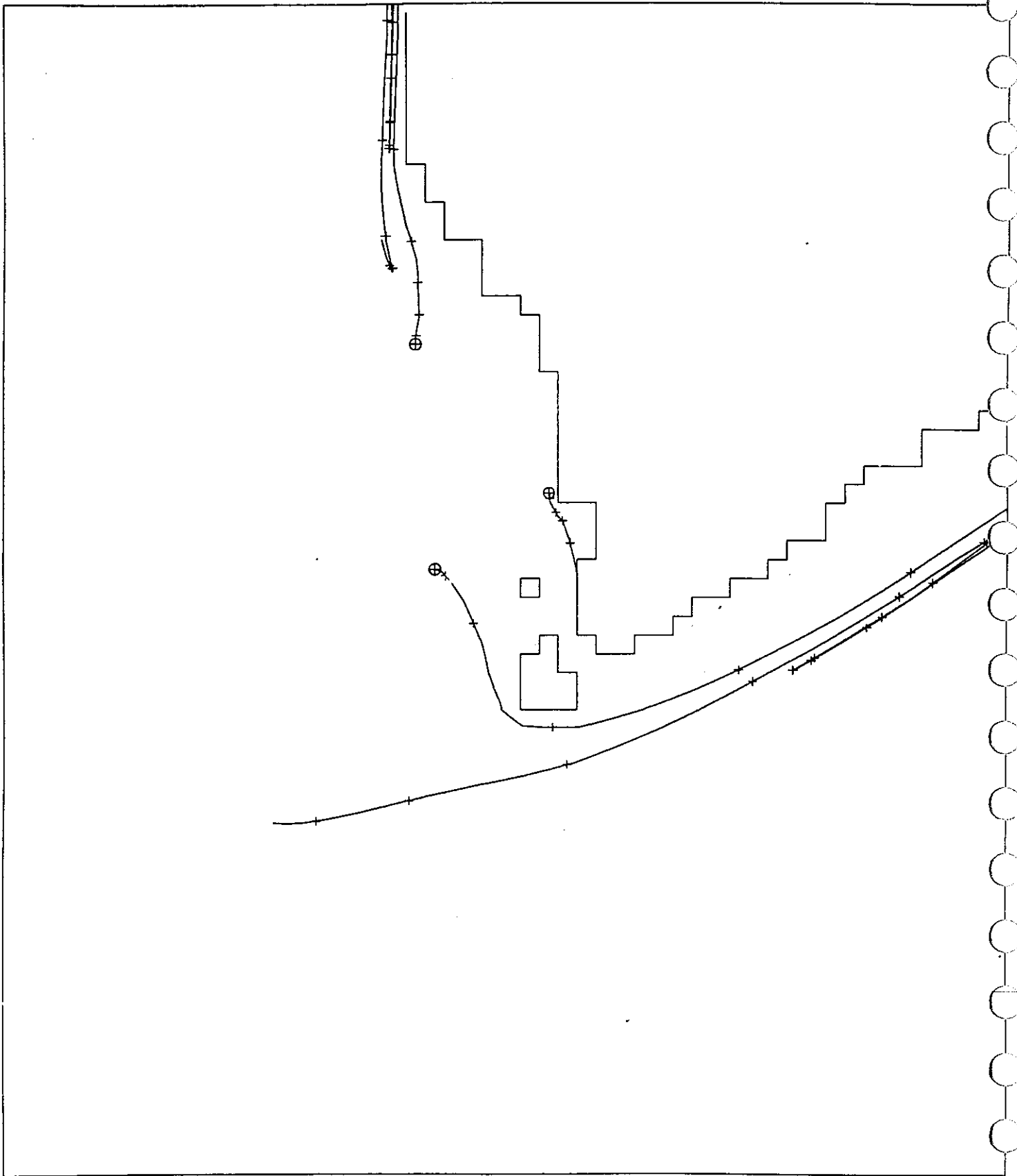


Fig 17c Green Island Reclamation - Case 4
Dry season Spring tide - Released at HHW

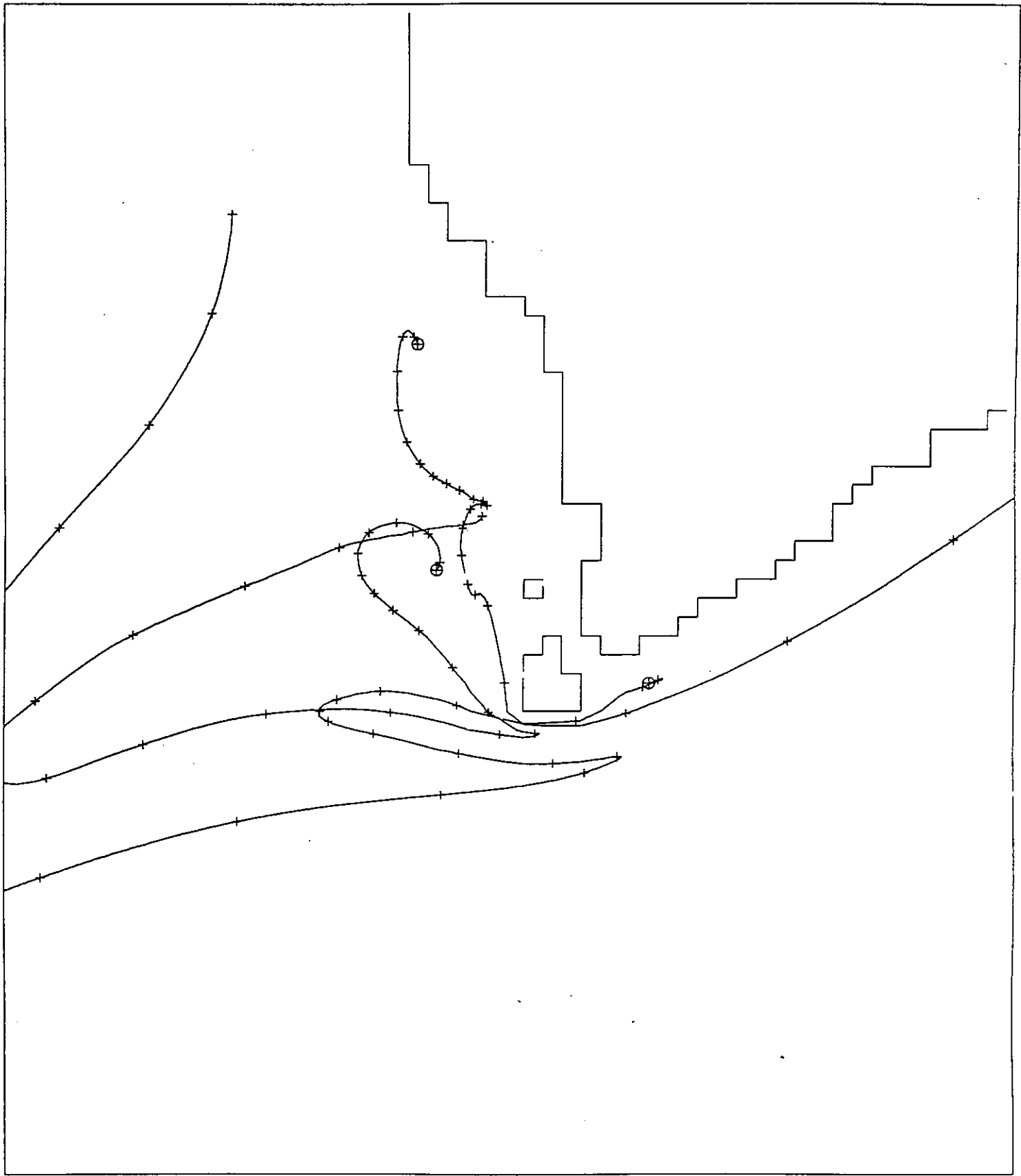


Fig 17d Green Island Reclamation - Case 4
Dry season Spring tide - Released at LLW

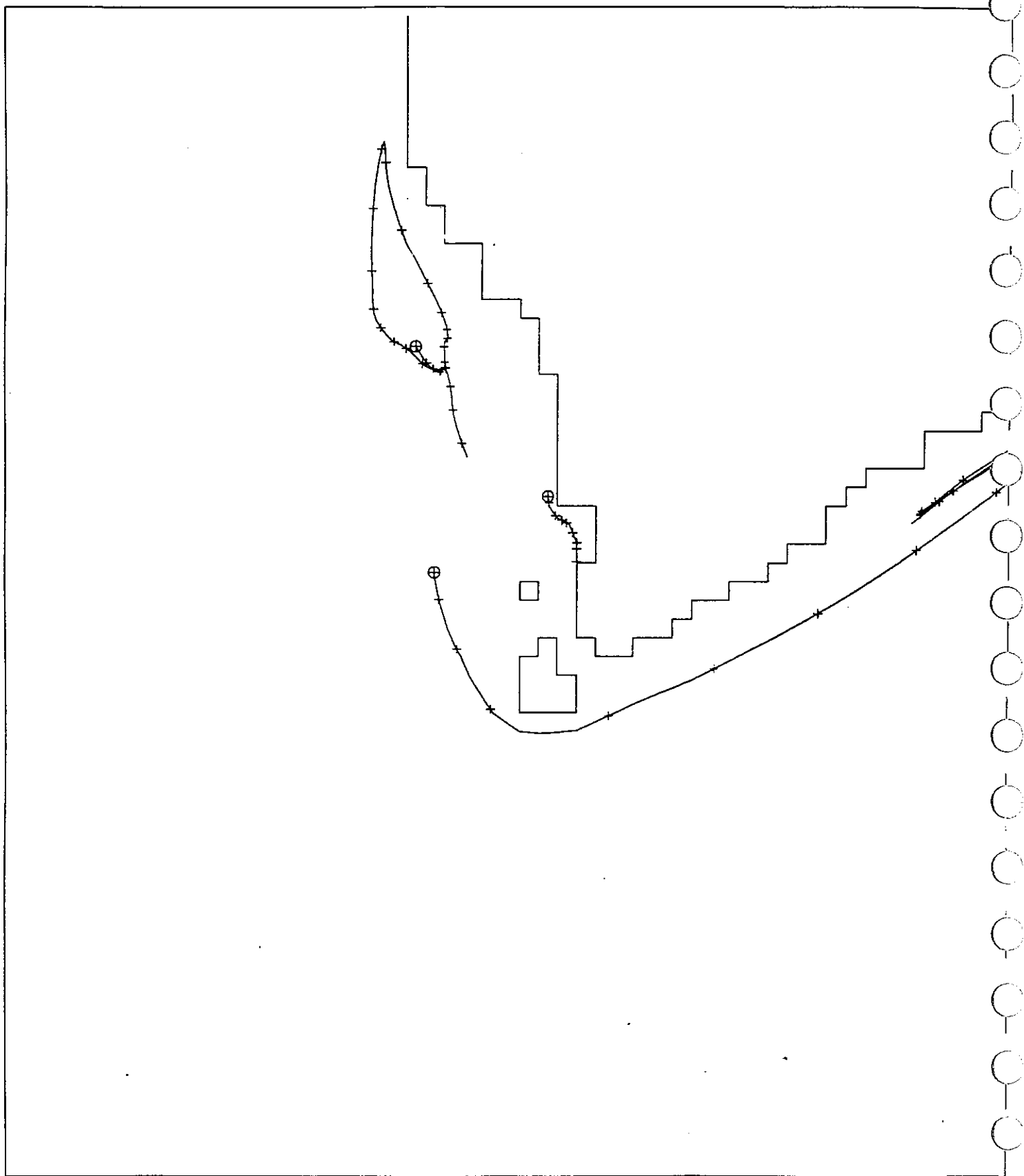


Fig 17e Green Island Reclamation - Case 4
Wet season Neap tide - Released at HHW

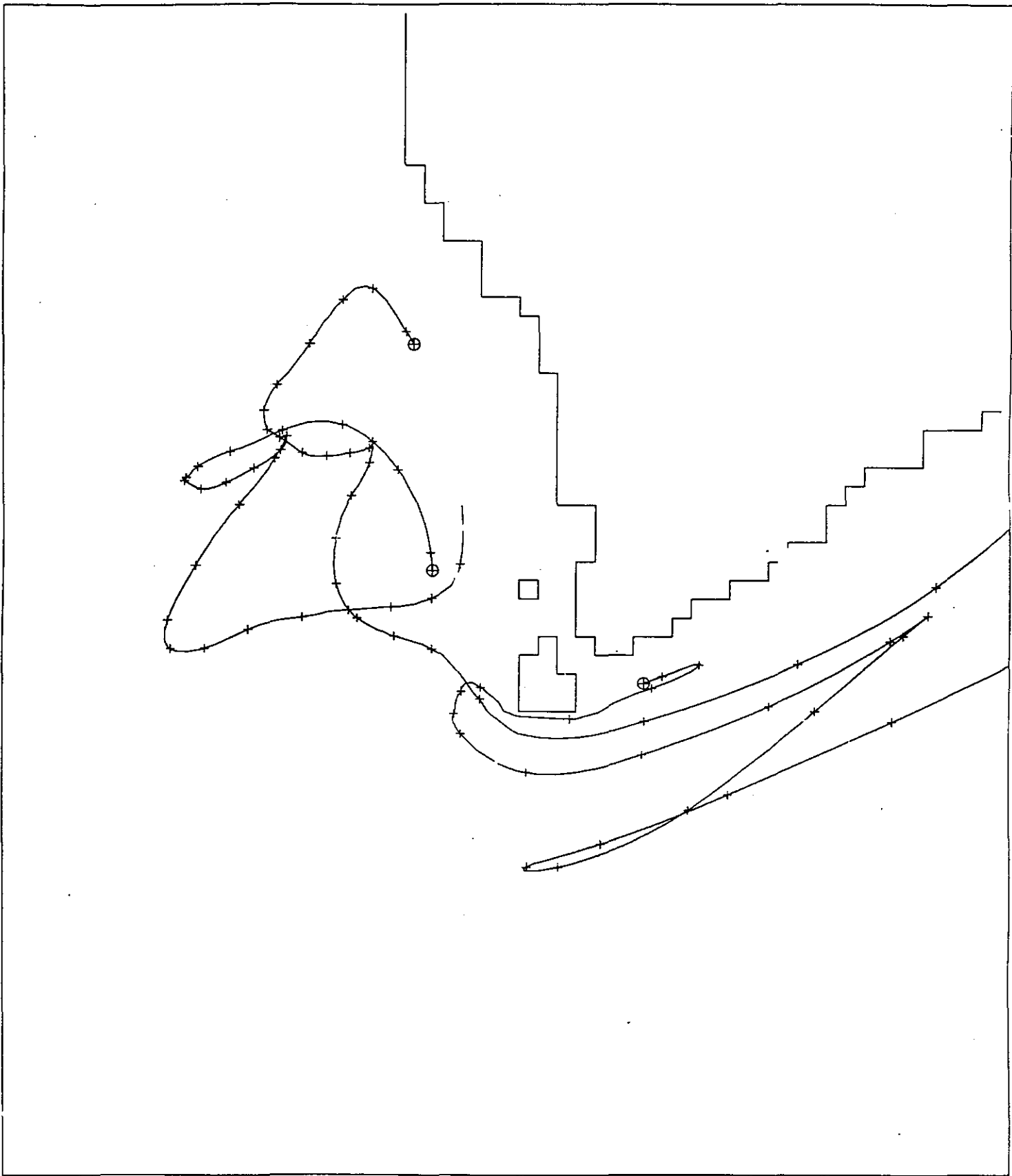


Fig 17f Green Island Reclamation - Case 4
Wet season Neap tide - Released at LLW

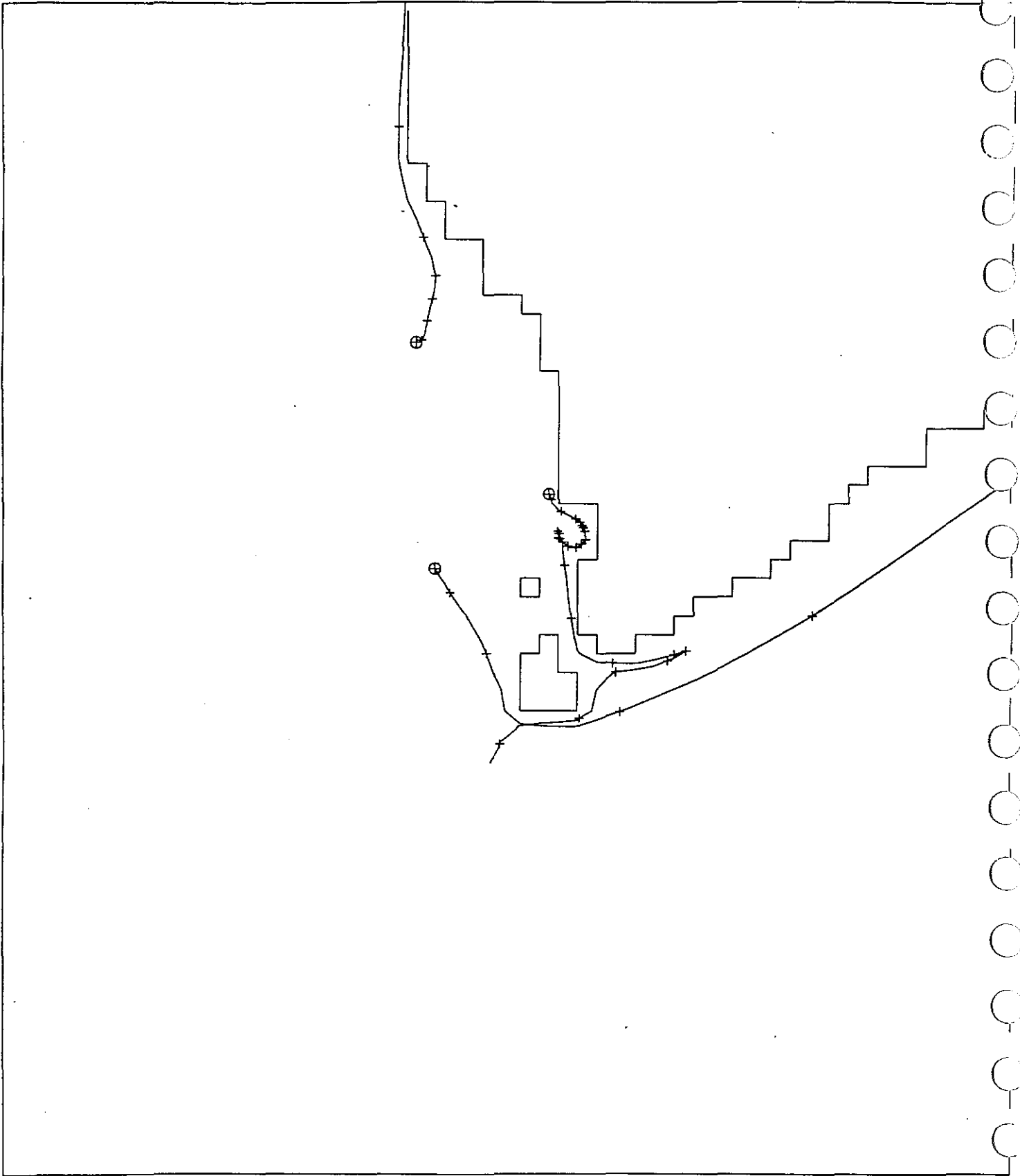


Fig 17g Green Island Reclamation - Case 4
Wet season Spring tide - Released at HHW

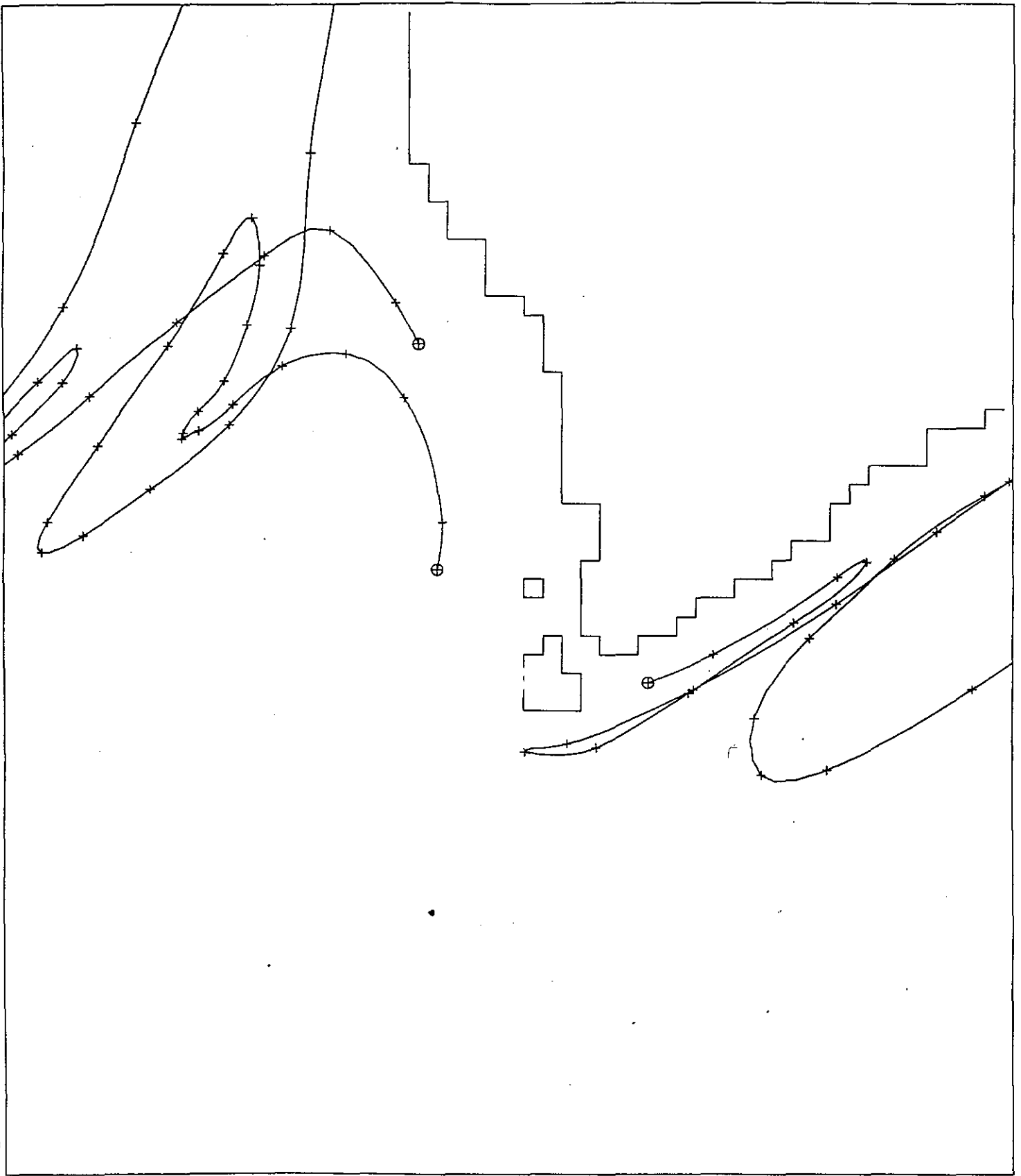


Fig 17h Green Island Reclamation - Case 4
Wet season Spring tide - Released at LLW

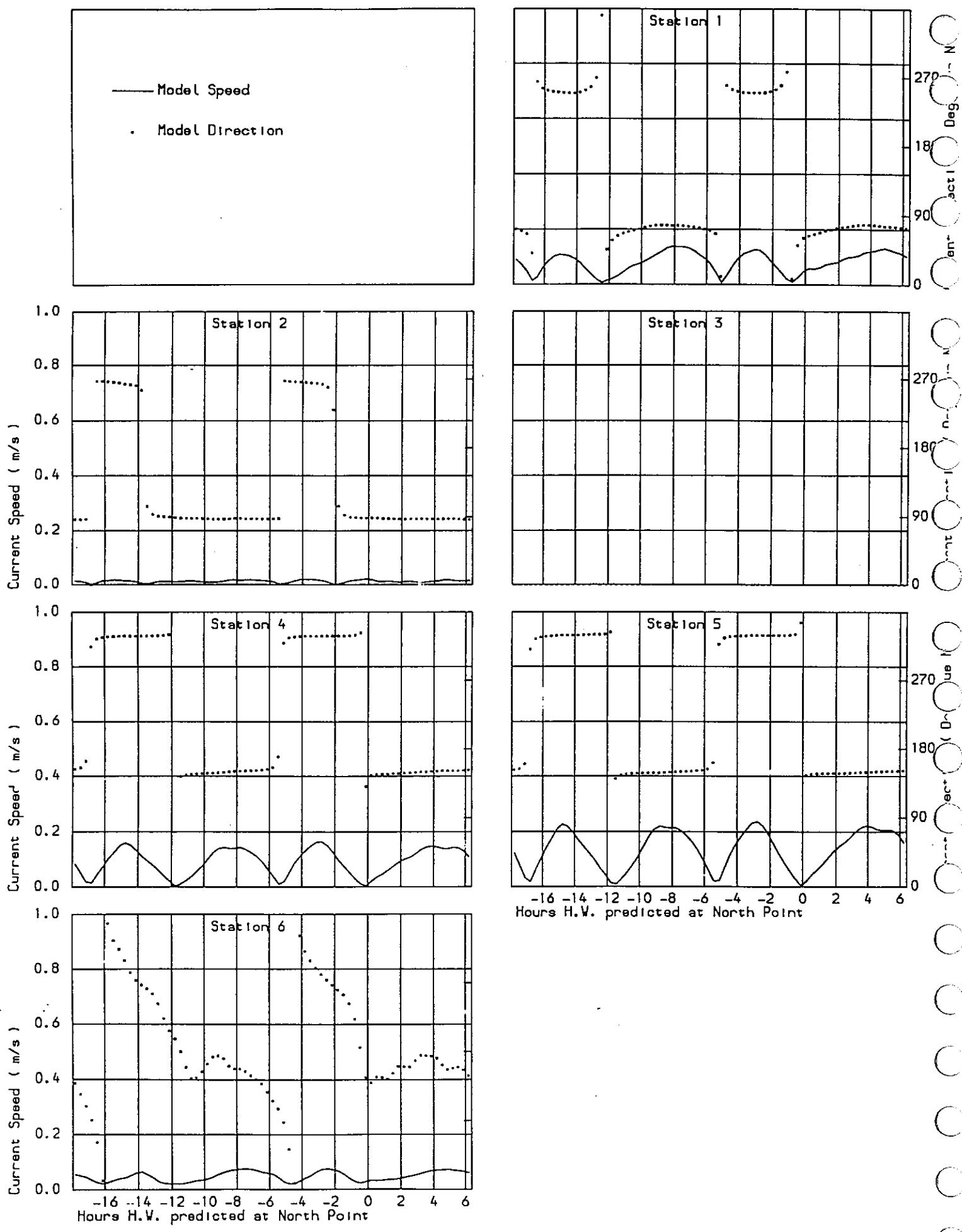
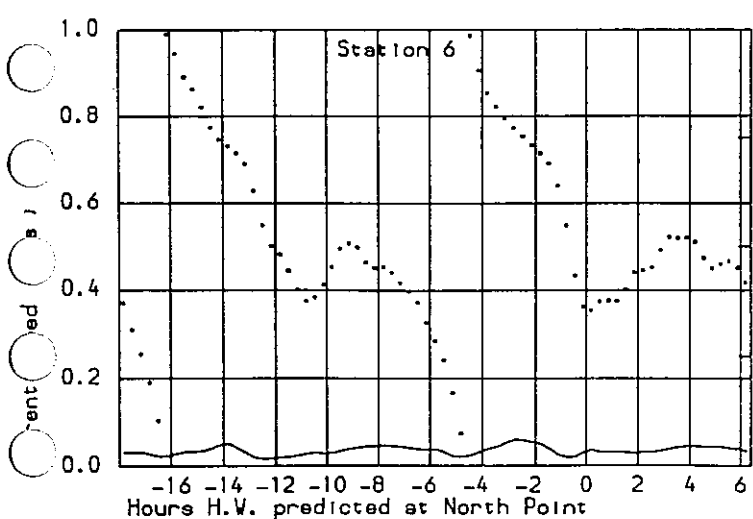
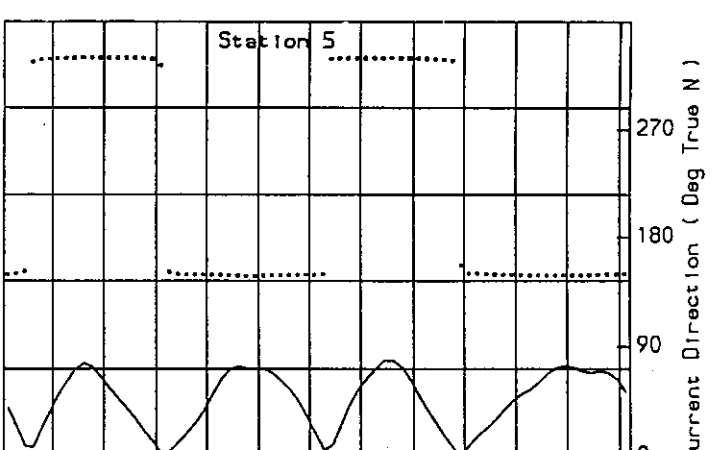
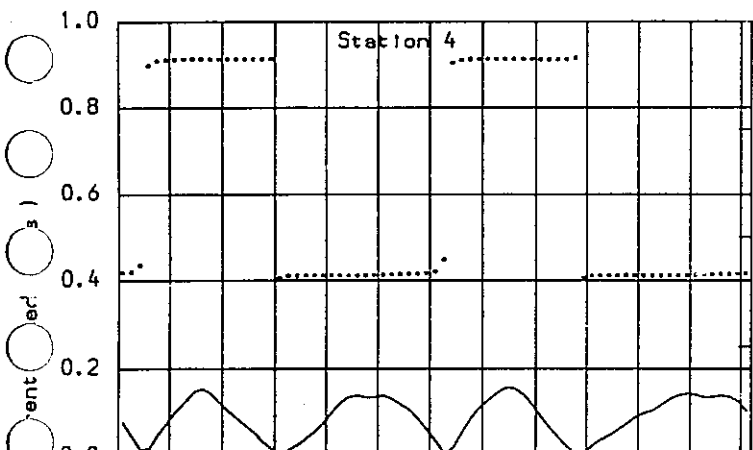
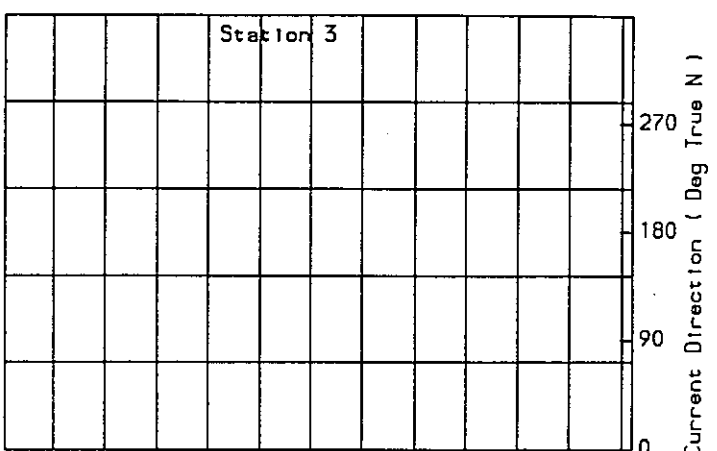
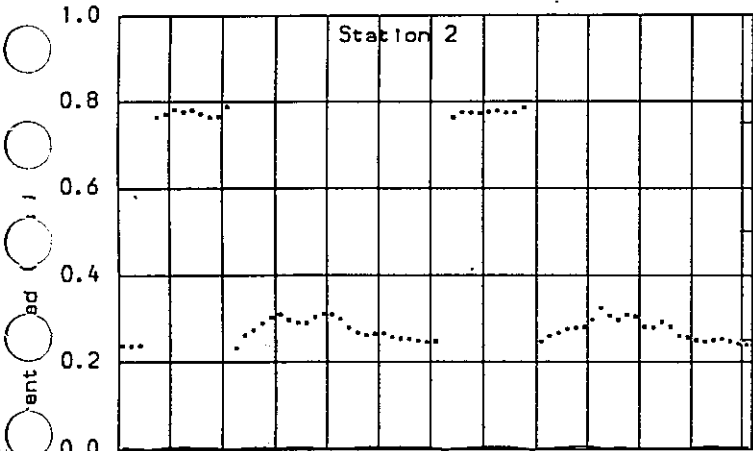
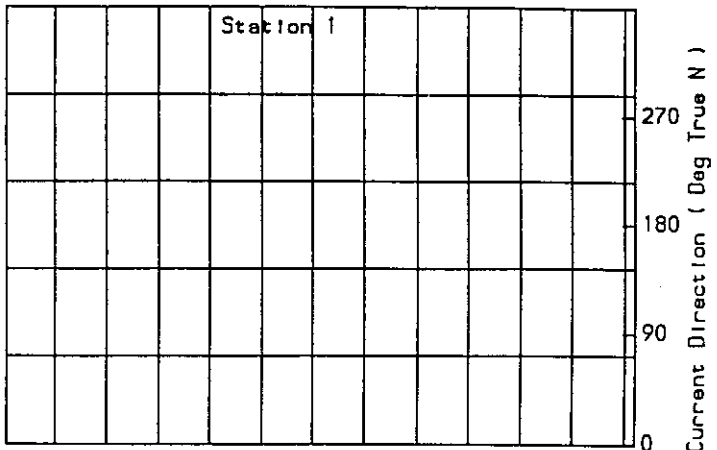
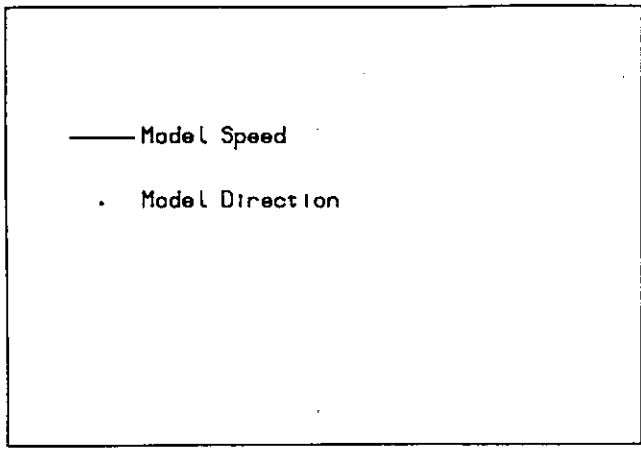


Fig 18a Green Island Reclamation - Case 5
 Dry season Neap tide - Upper layer



Hours H.W. predicted at North Point

Fig 18b Green Island Reclamation - Case 5
 Dry season Neap tide - Lower layer

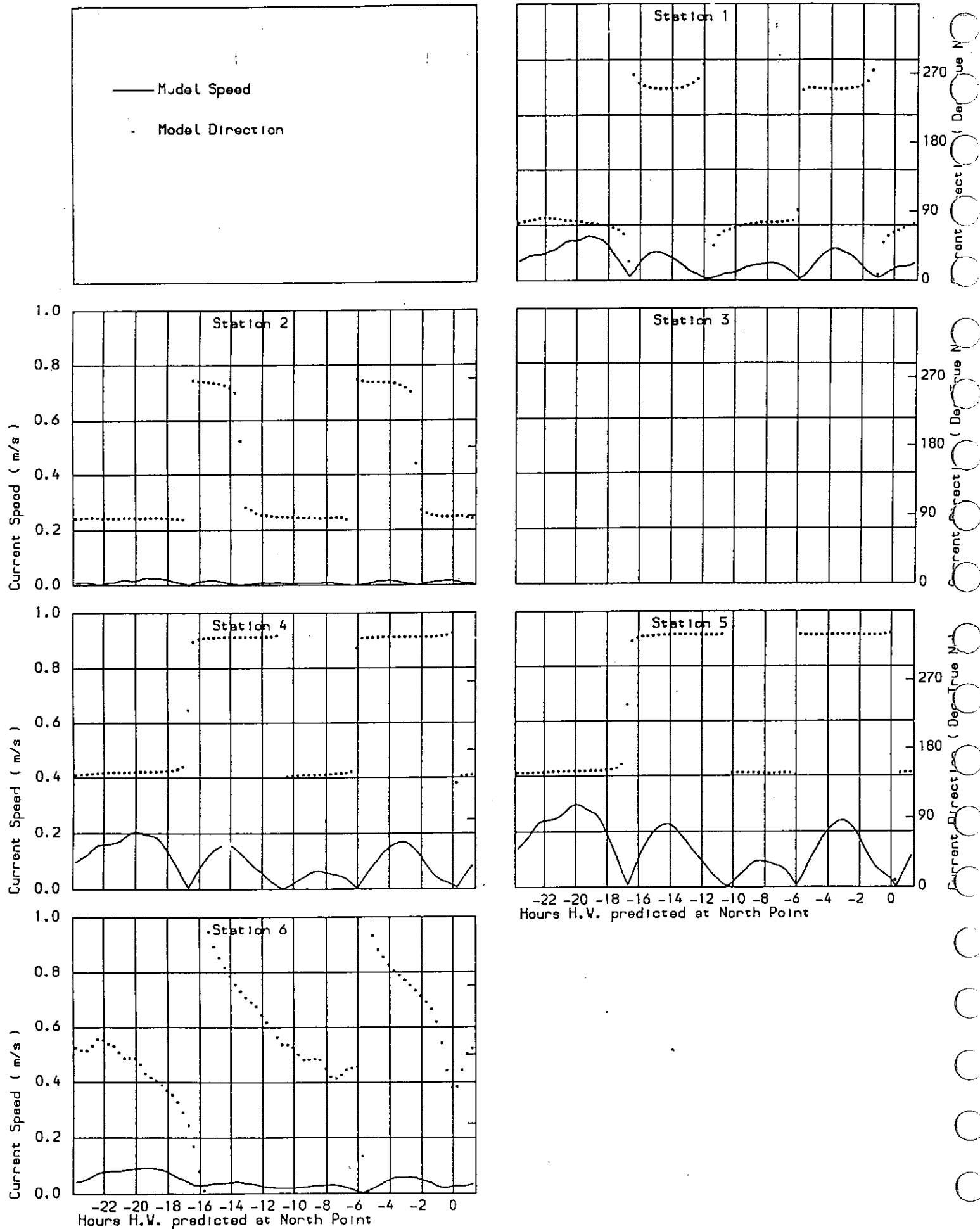
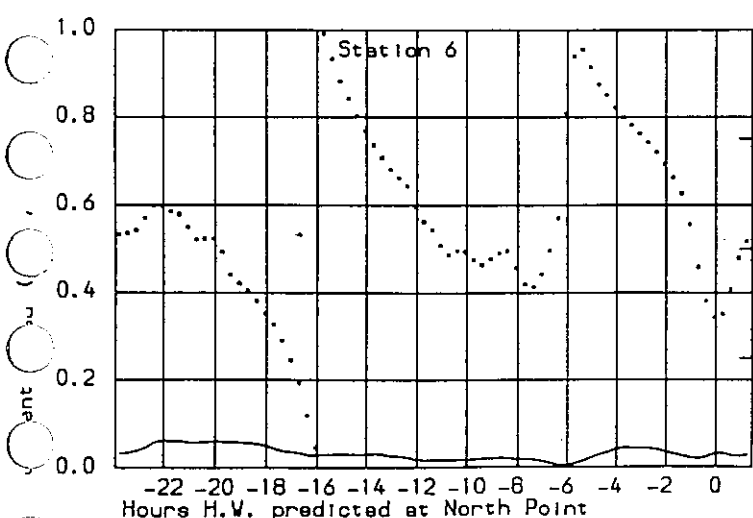
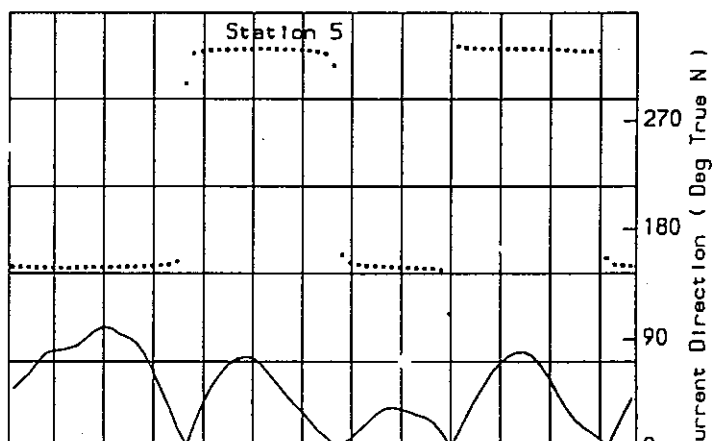
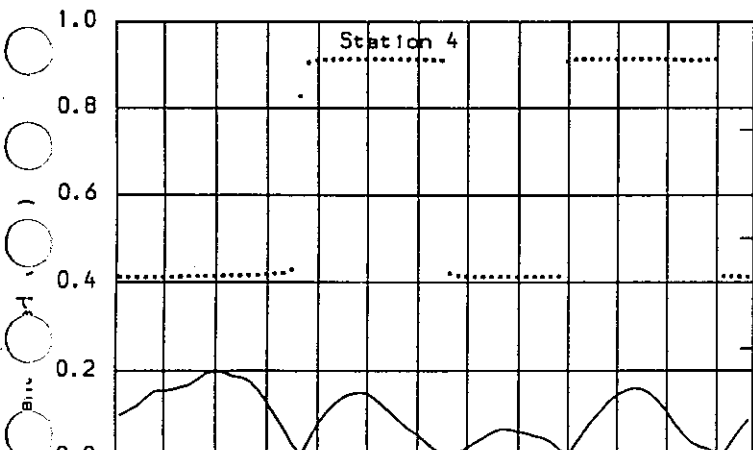
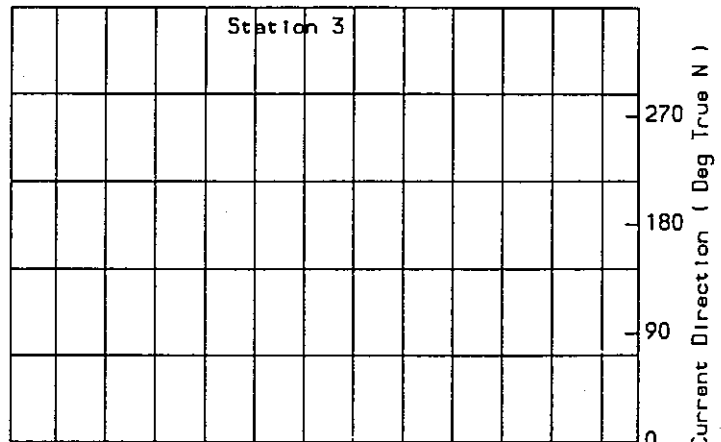
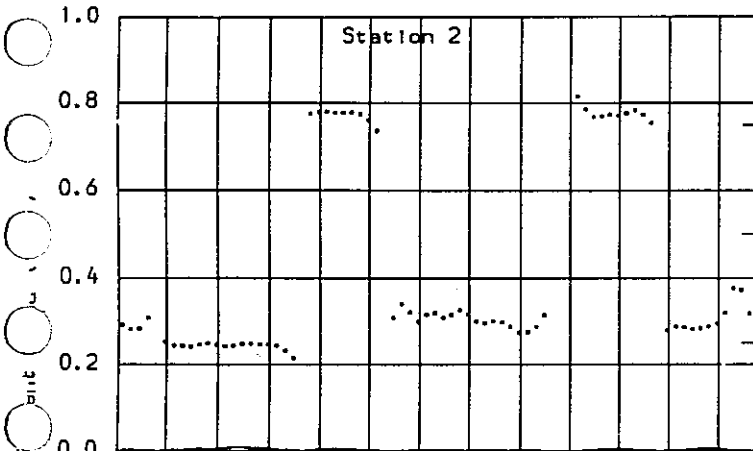
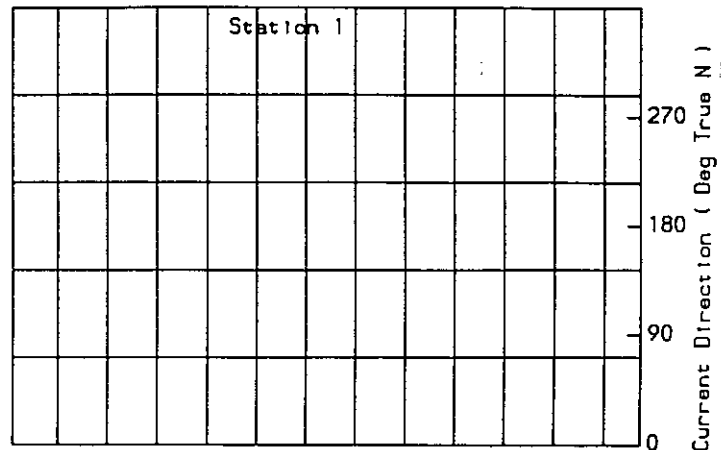
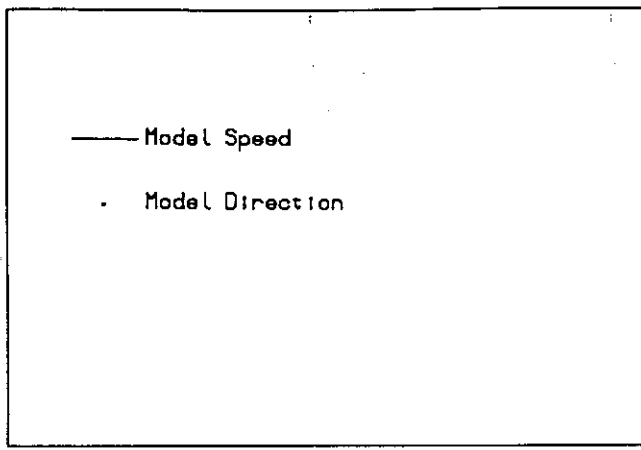


Fig 18c Green Island Reclamation - Case 5
 Dry season Spring tide - Upper layer



Hours H.W. predicted at North Point

-22 -20 -18 -16 -14 -12 -10 -8 -6 -4 -2 0

Fig 18d Green Island Reclamation - Case 5
 Dry season Spring tide - Lower layer

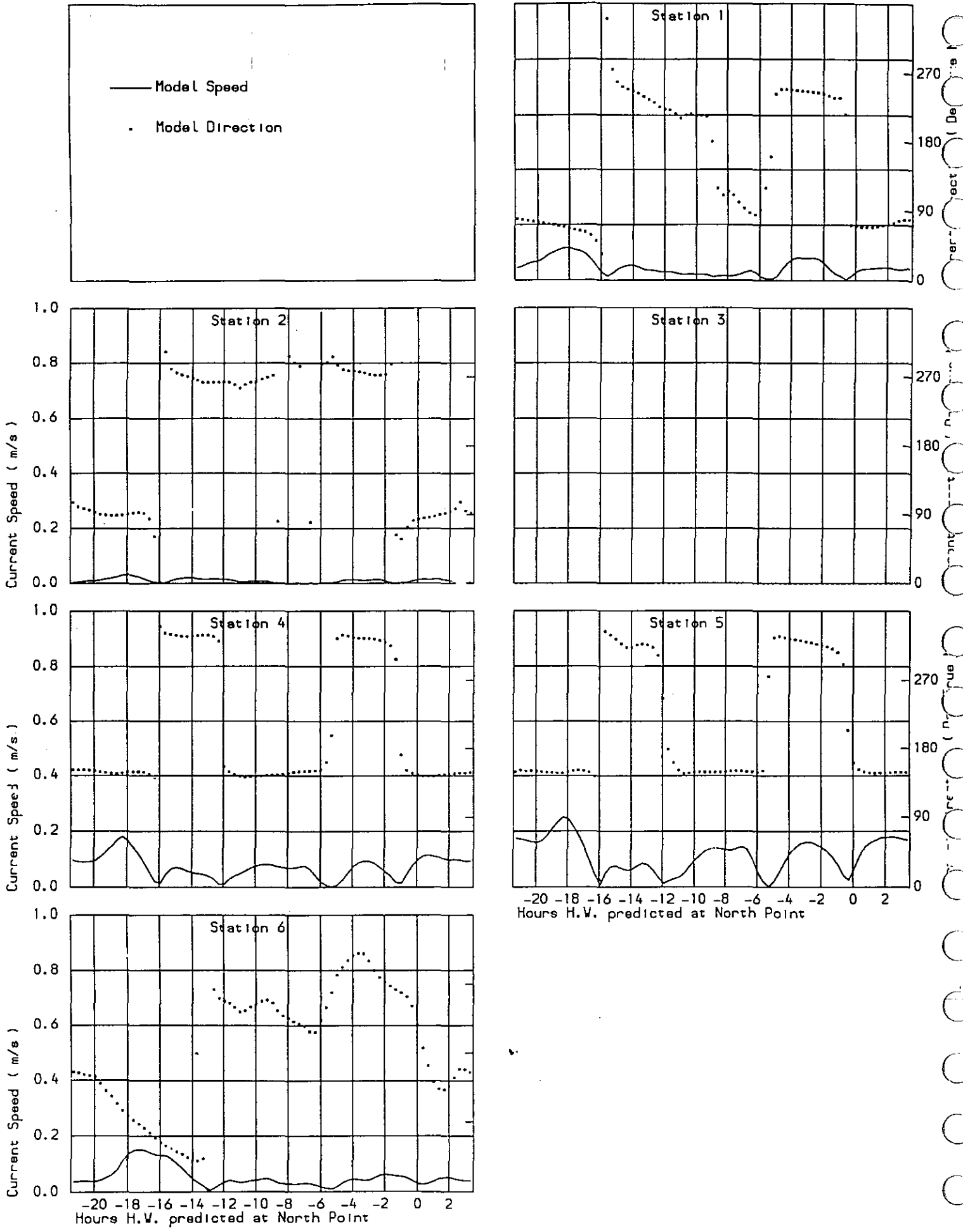
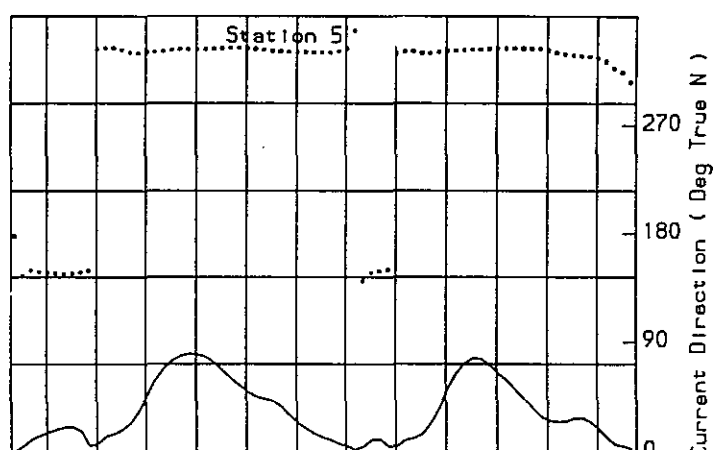
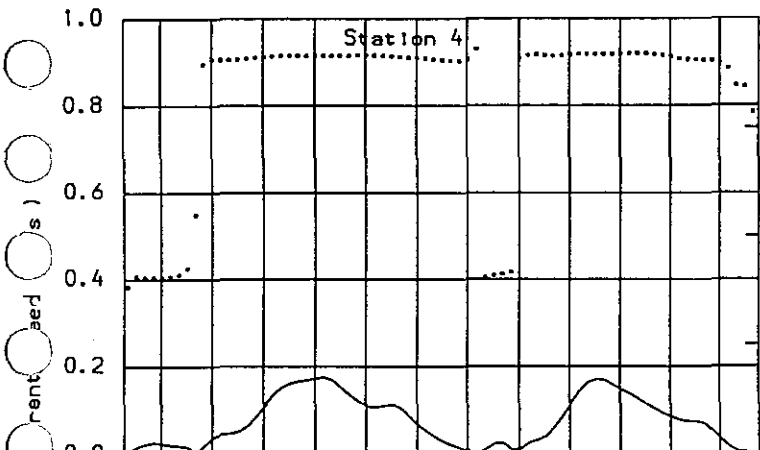
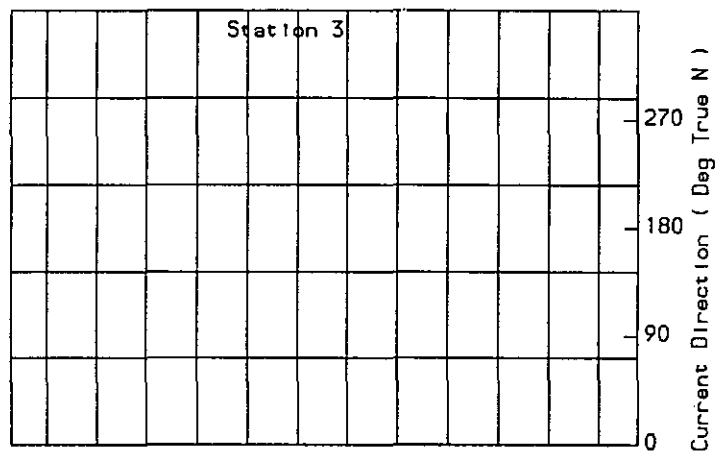
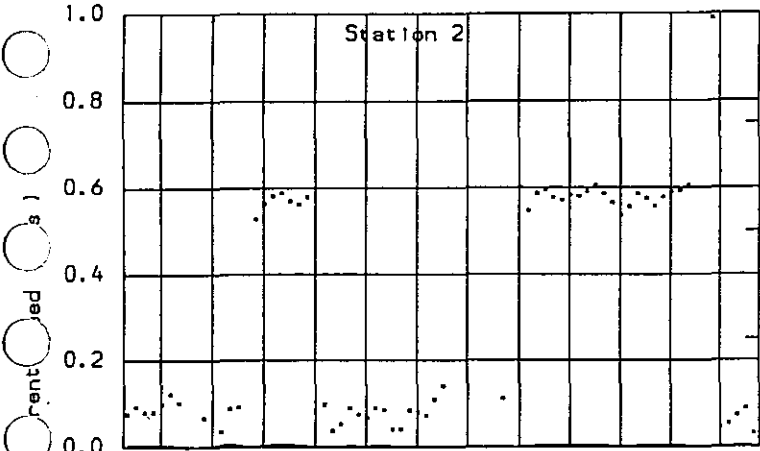
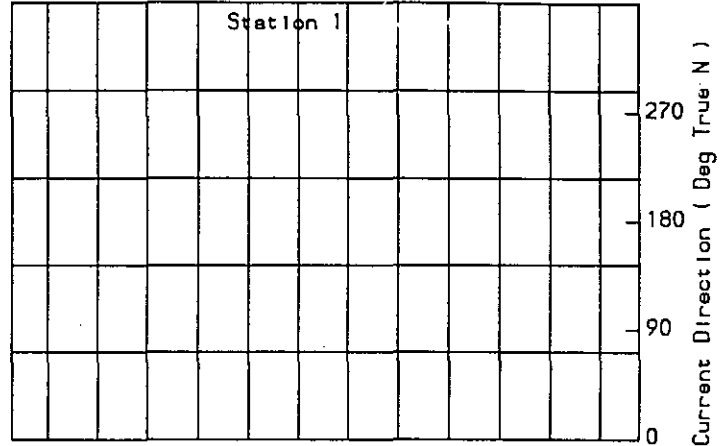
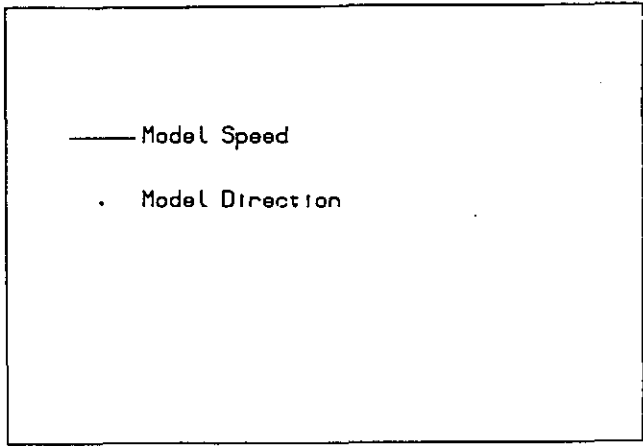


Fig 18e Green Island Reclamation - Case 5
Wet season Neap tide - Upper layer



Hours H.V. predicted at North Point

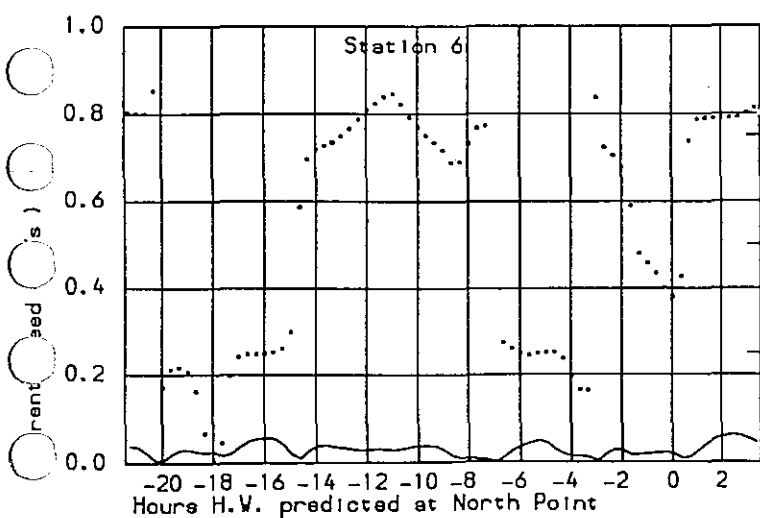


Fig 18f Green Island Reclamation - Case 5
 Wet season Neap tide - Lower layer

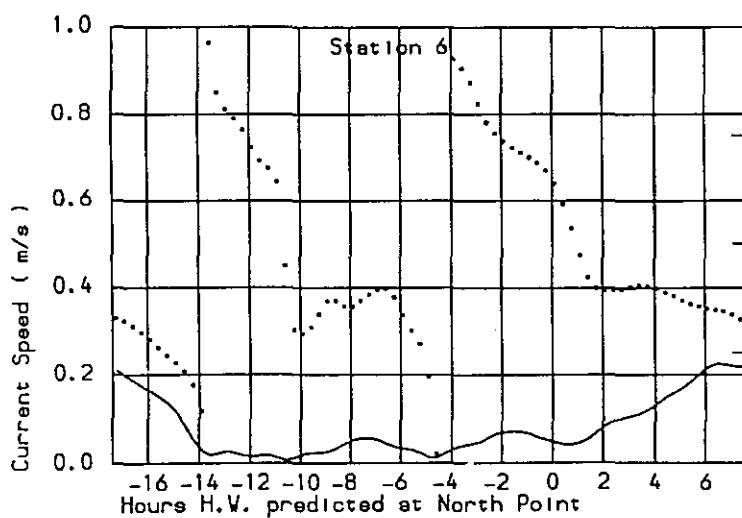
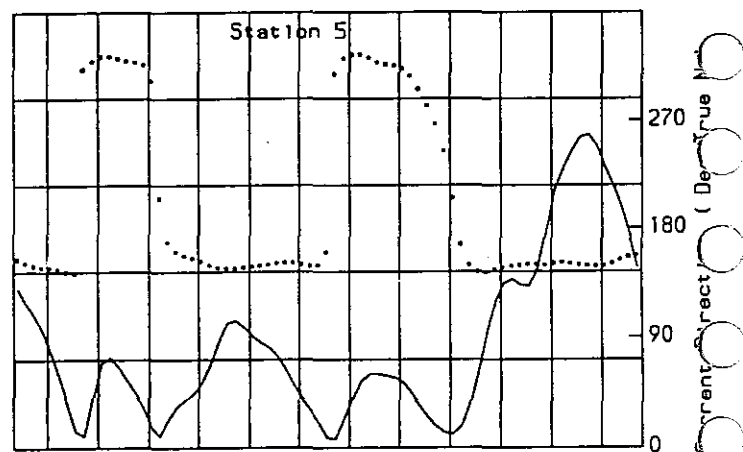
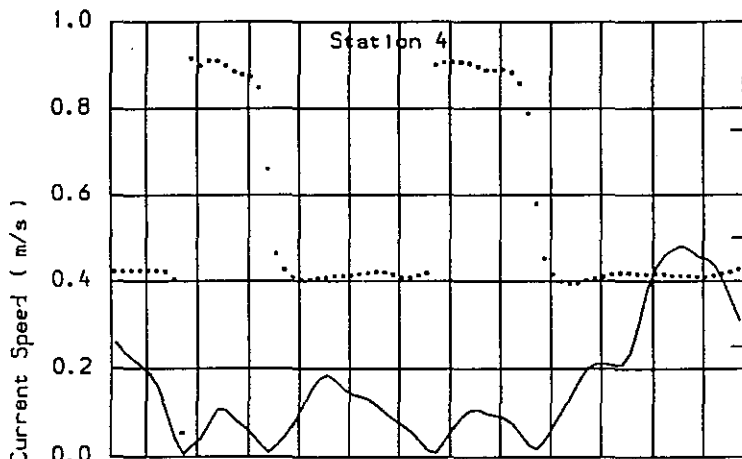
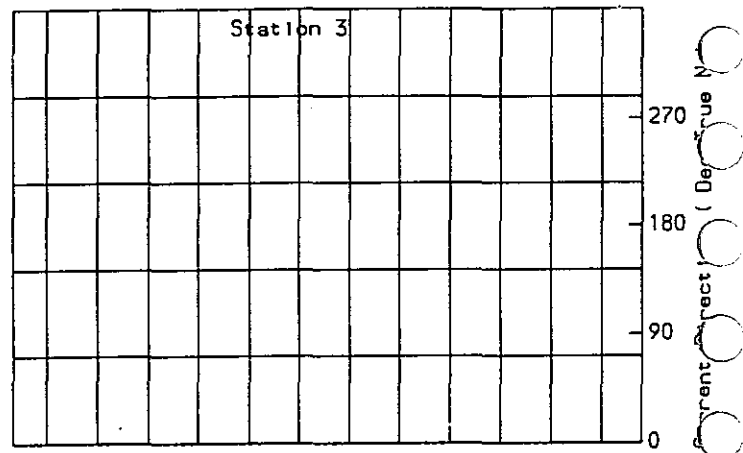
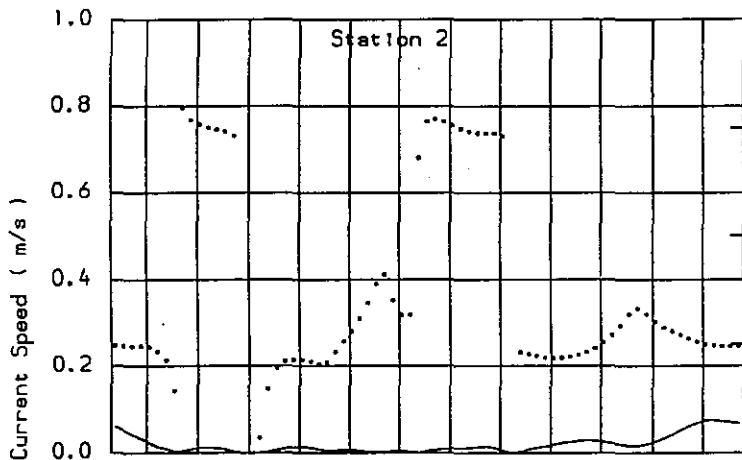
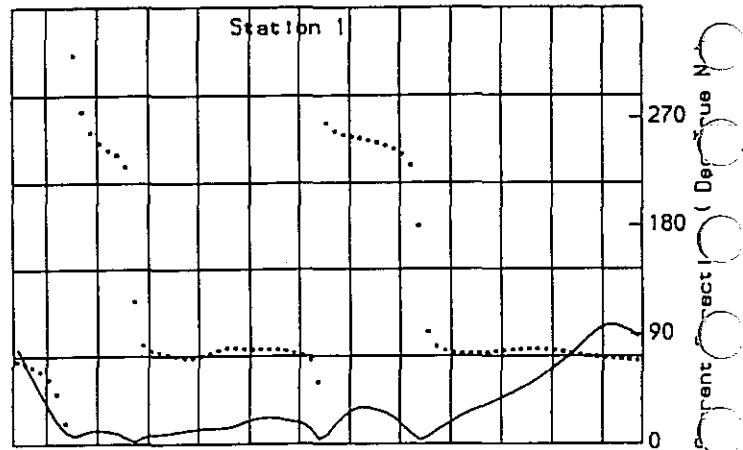
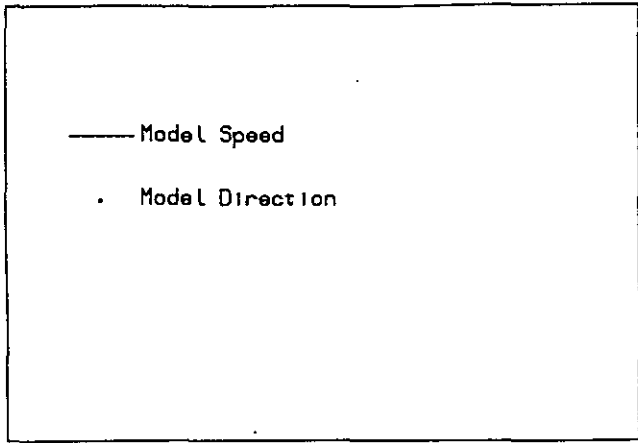
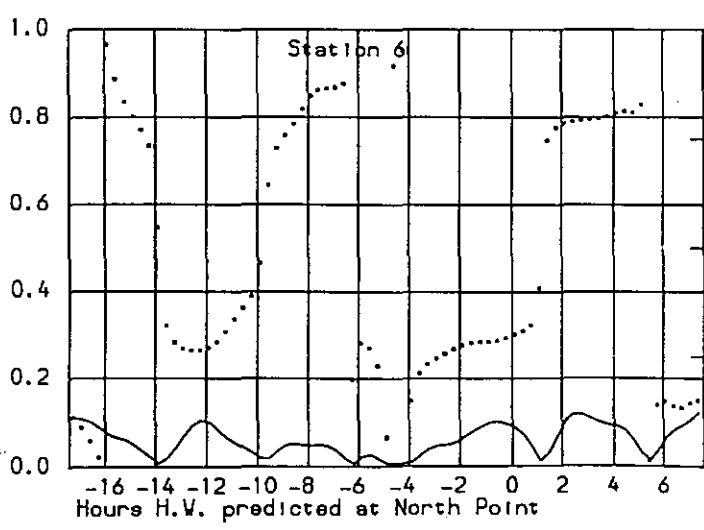
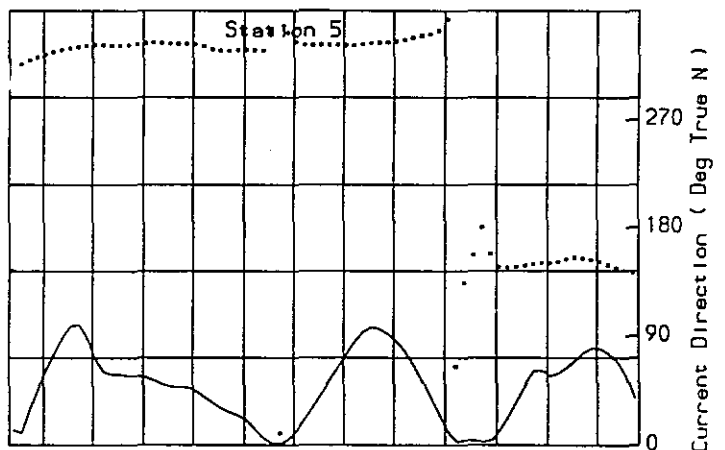
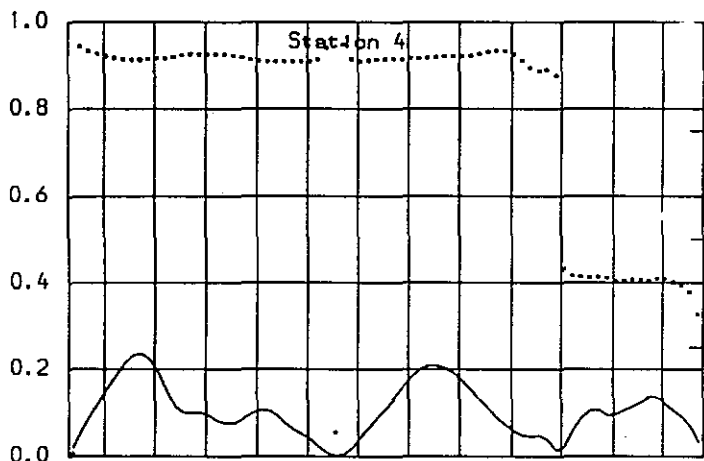
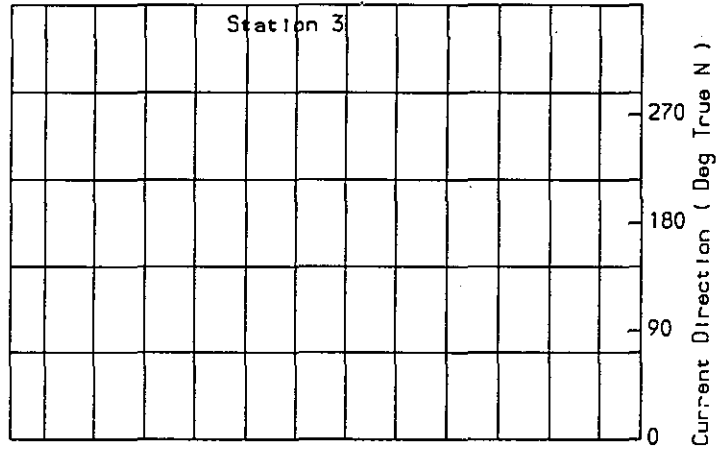
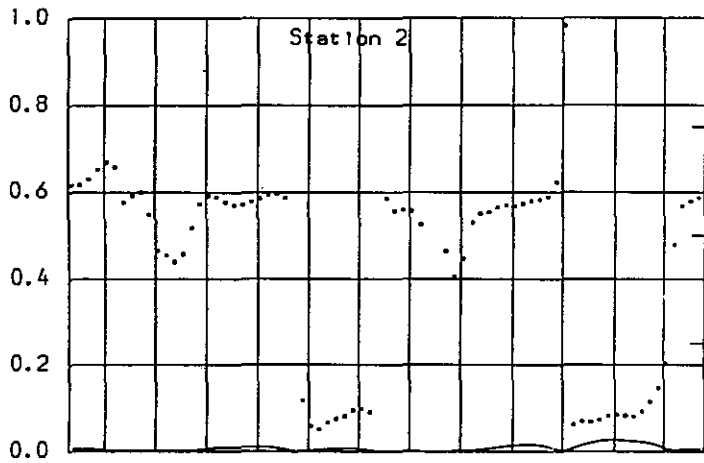
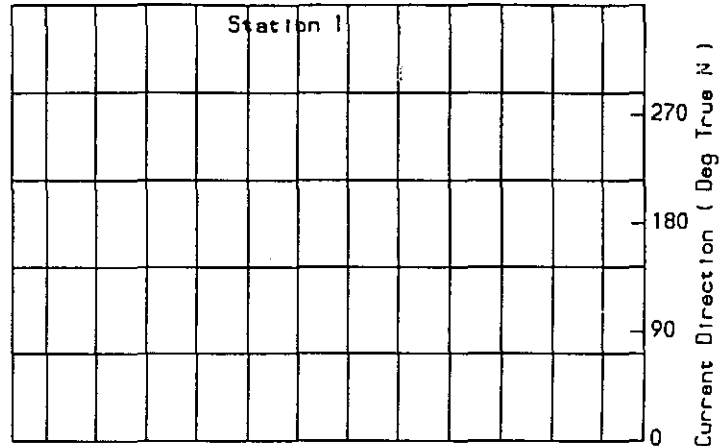
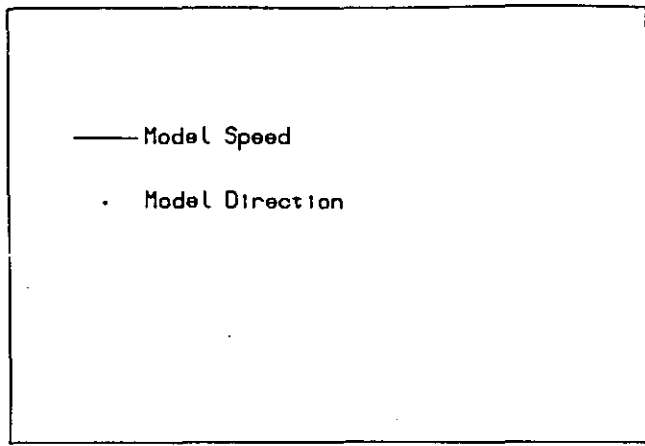


Fig 18g Green Island Reclamation - Case 5
 Wet season Spring tide - Upper layer



Hours H.W. predicted at North Point

Fig 18h Green Island Reclamation - Case 5
Wet season Spring tide - Lower layer

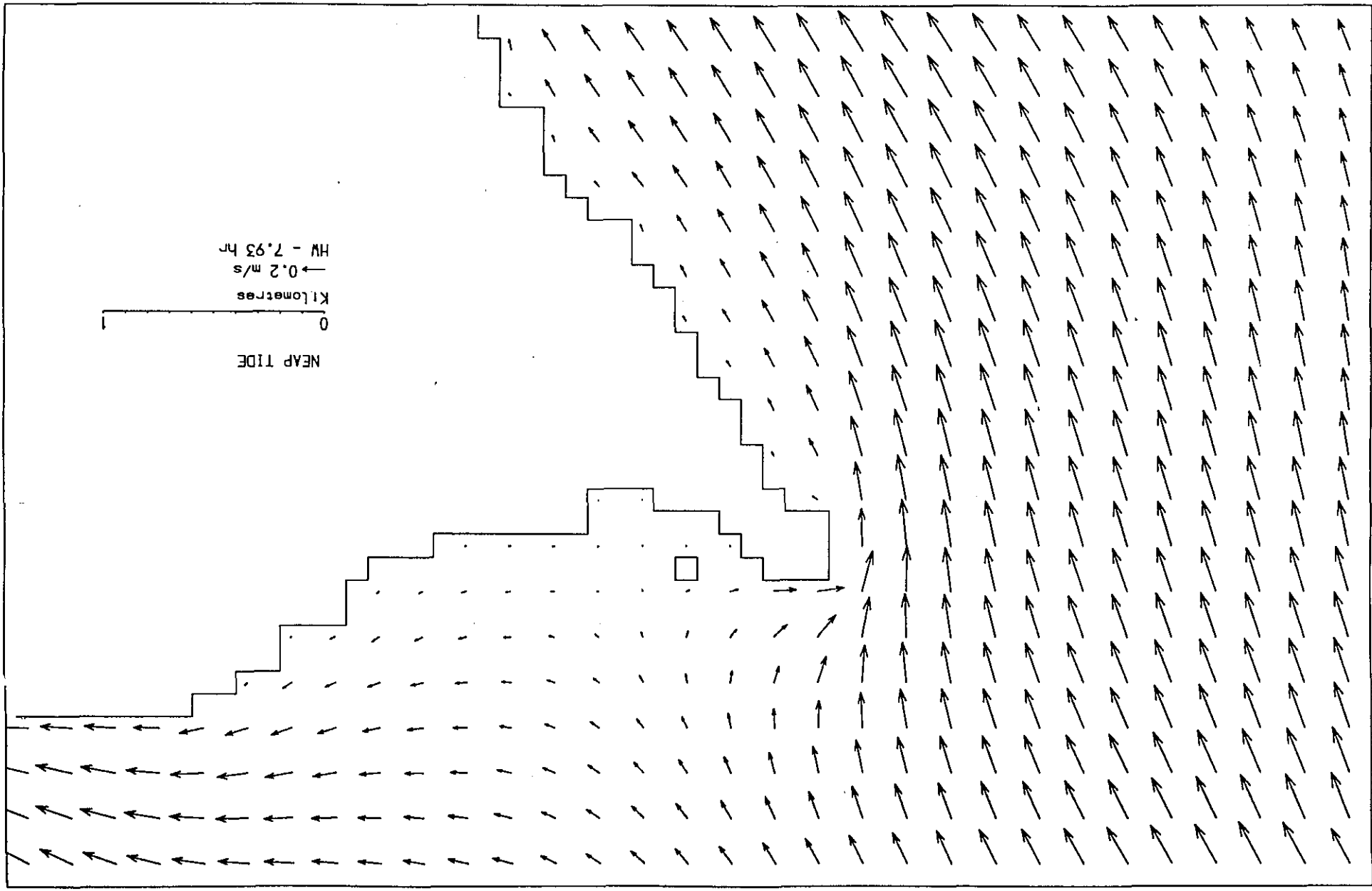


Fig 19a Green Island Reclamation - Case 5
 Dry season Neap Ebb - Upper Layer

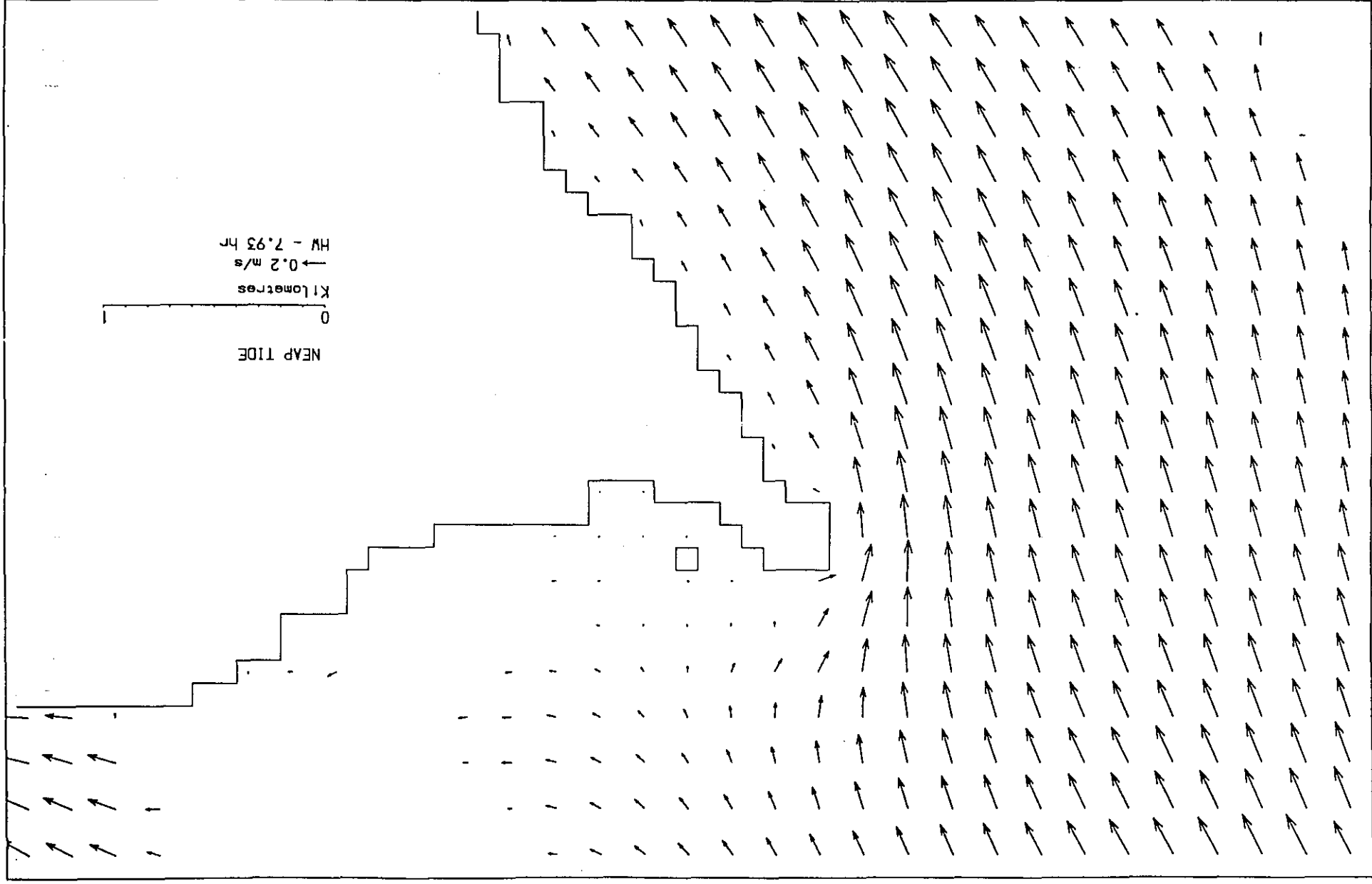


Fig 19b Green Island Reclamation - Case 5
 Dry season Neap Ebb - Lower layer

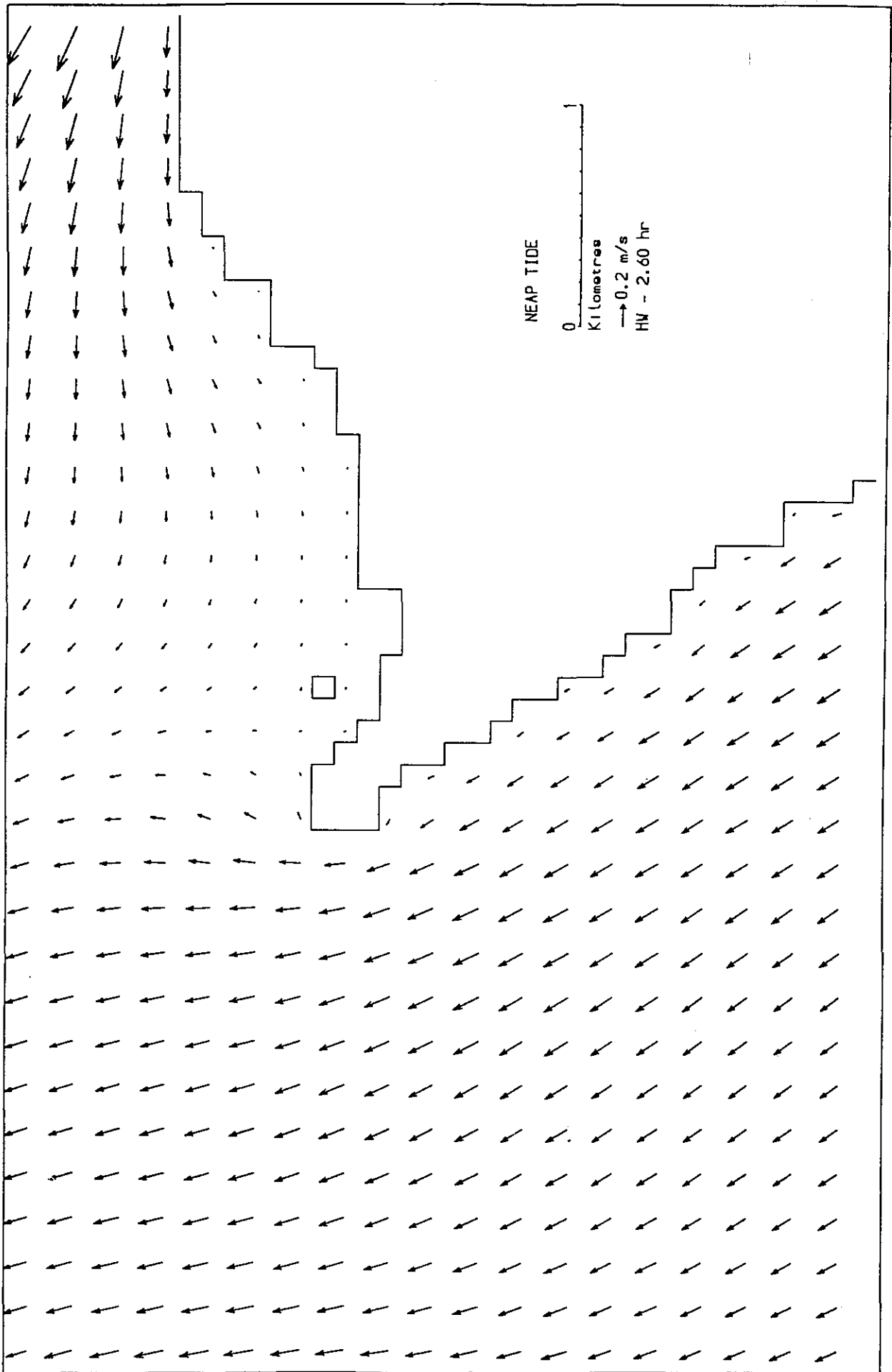


Fig 19c Green Island Reclamation - Case 5
Dry season. Neap Flood - Upper layer

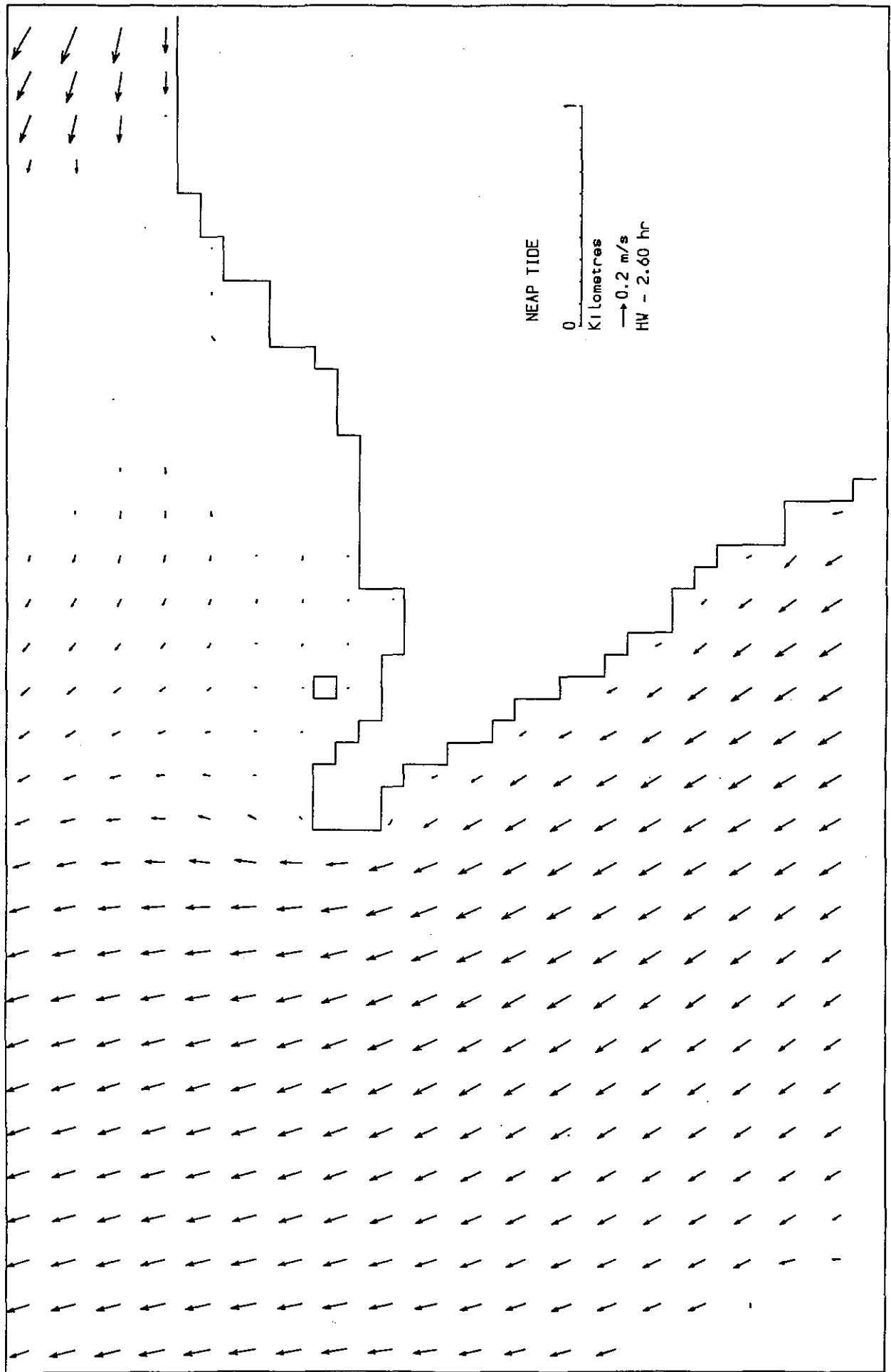


Fig 19d Green Island Reclamation - Case 5
 Dry season Neap Flood - Lower layer

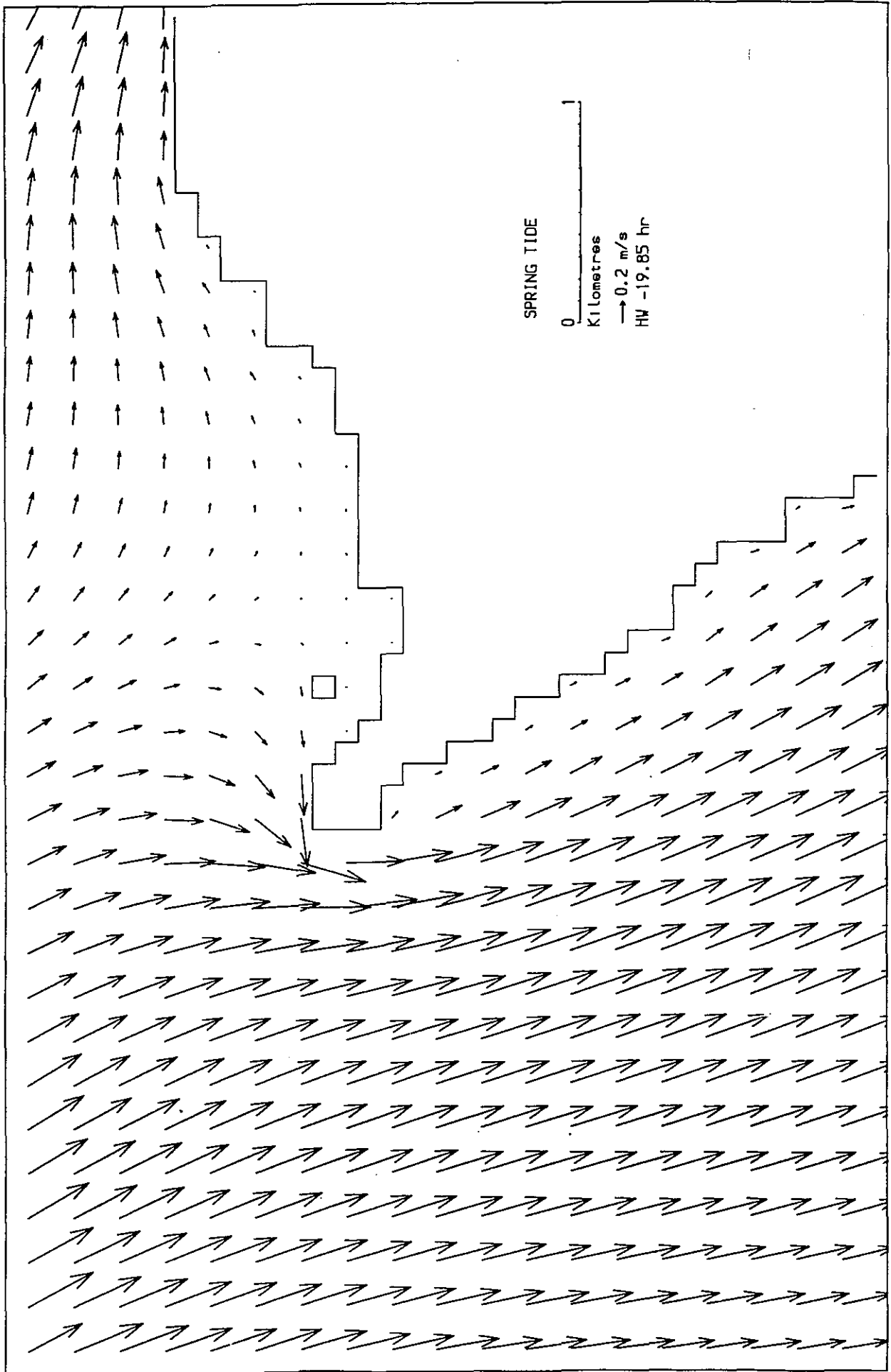


Fig 19e Green Island Reclamation - Case 5
Dry season Spring Ebb - Upper layer

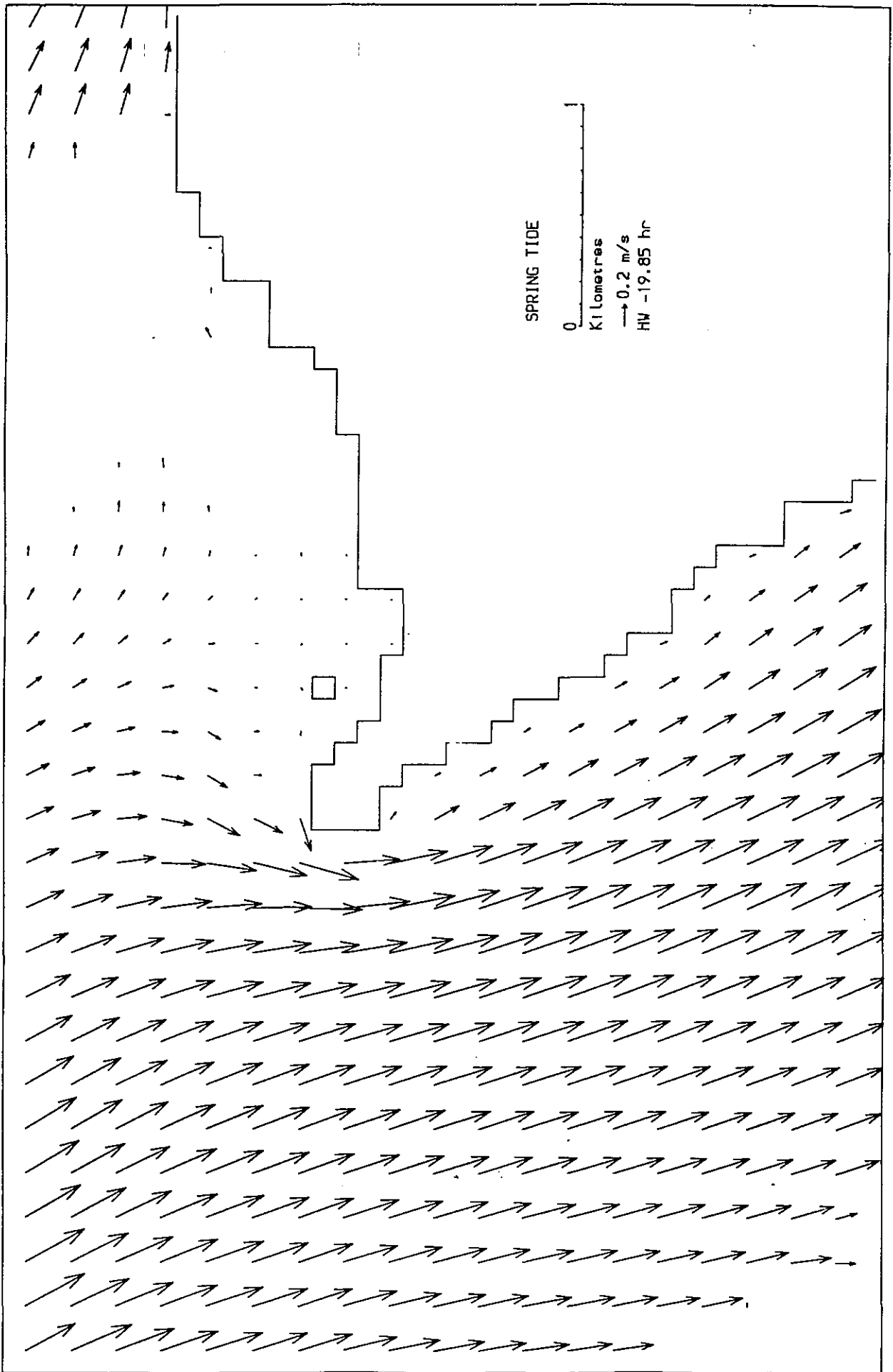


Fig 19f Green Island Reclamation - Case 5
 Dry season Spring Ebb - Lower layer

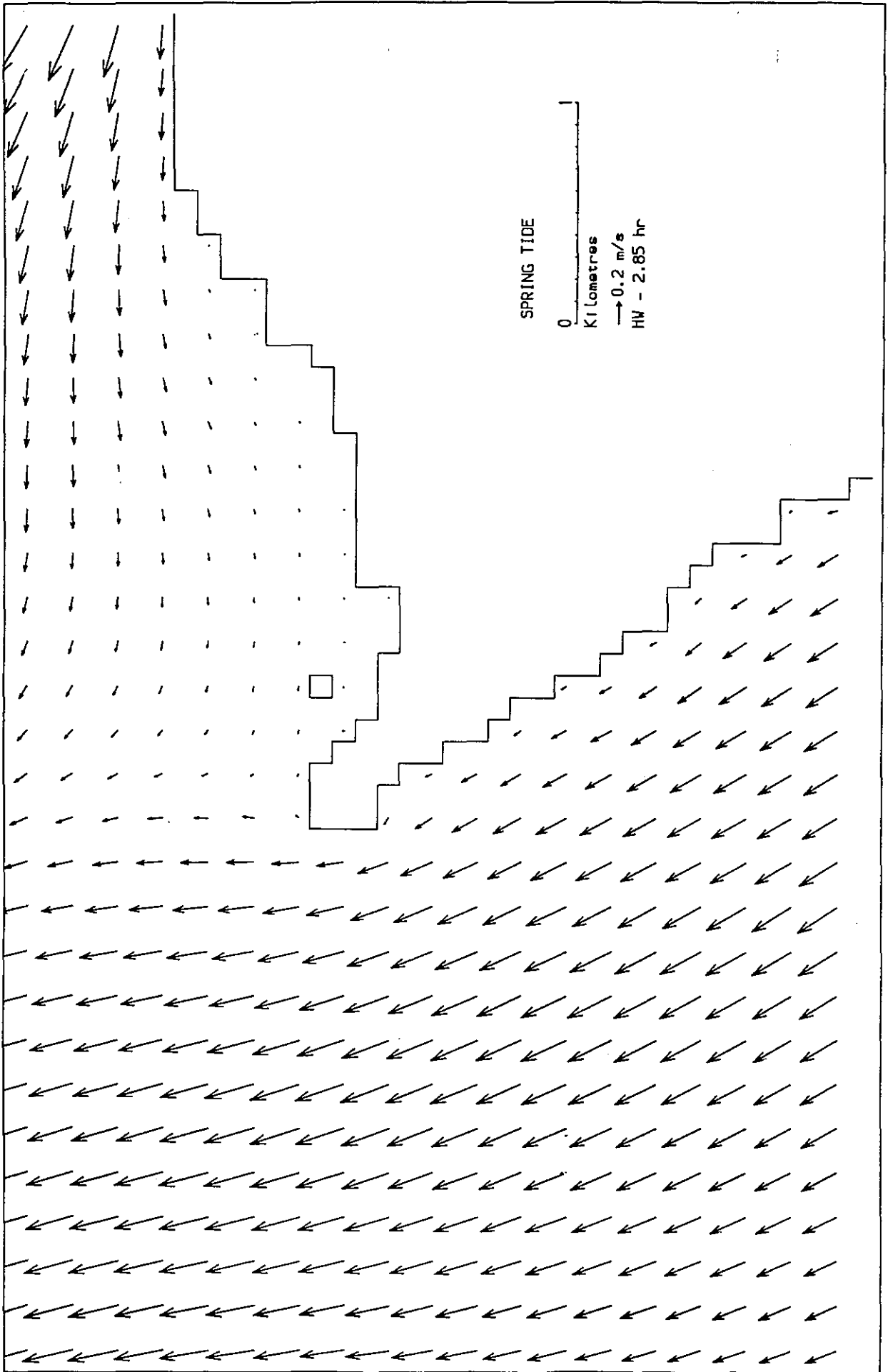


Fig 19g Green Island Reclamation - Case 5
 Dry season Spring Flood - Upper layer

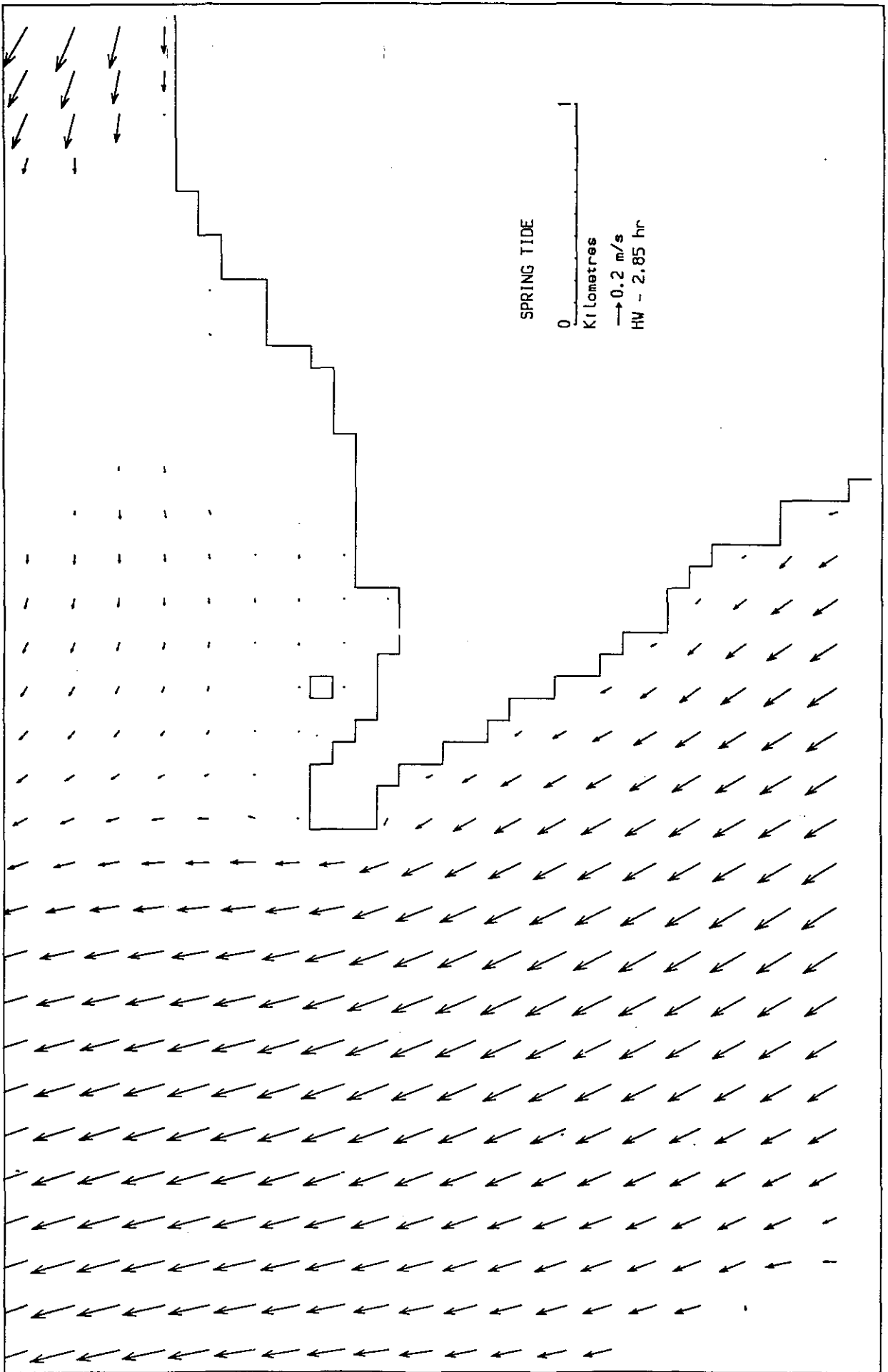


Fig 19h Green Island Reclamation - Case 5
 Dry season Spring Flood - Lower layer

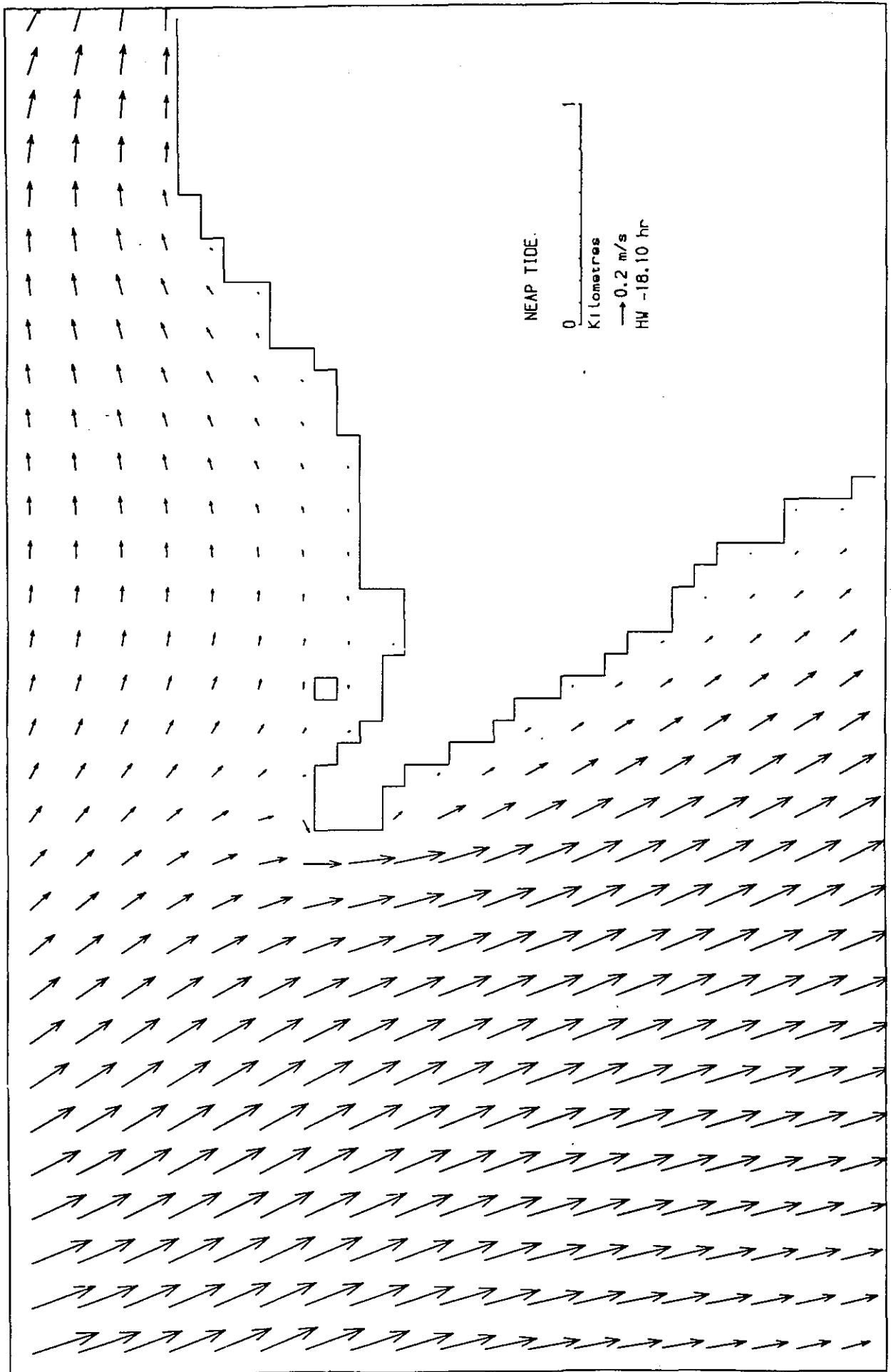


Fig 19i Green Island Reclamation - Case 5
Wet season Neap Ebb - Upper layer

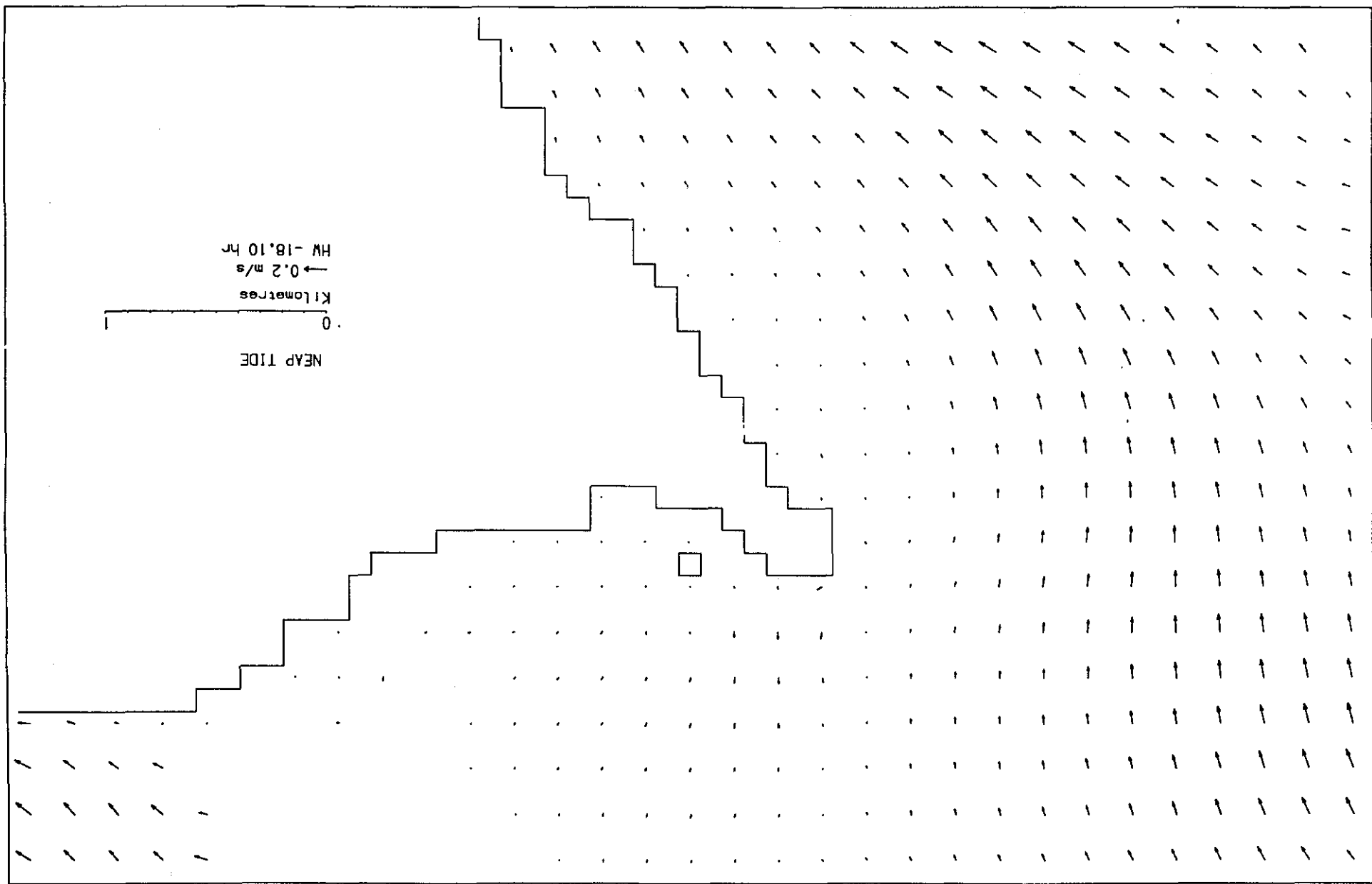


Fig 19j Green Island Reclamation - Case 5
 Wet season Neap Ebb - Lower layer

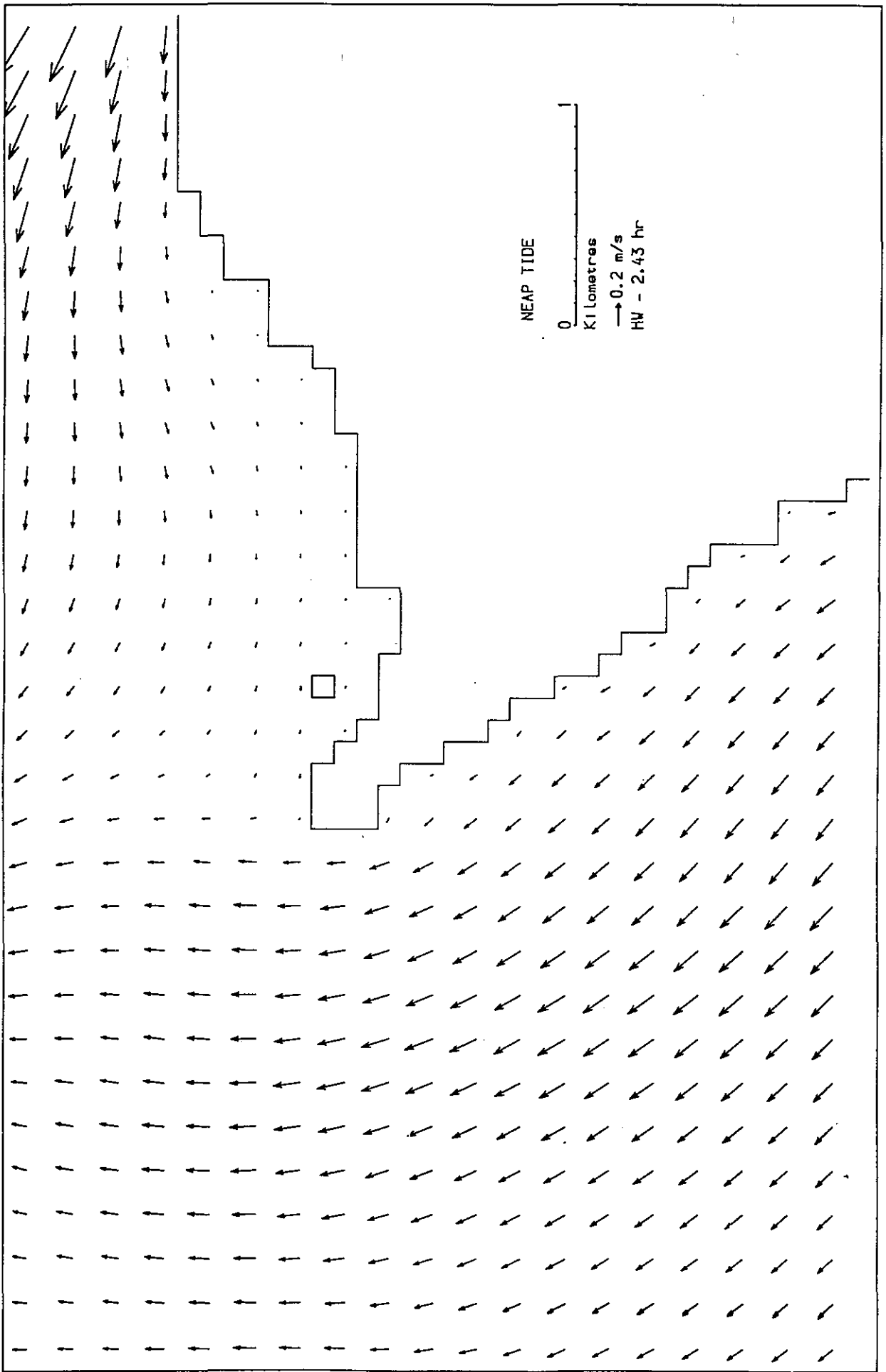


Fig 19k Green Island Reclamation - Case 5
Wet season Neap Flood - Upper layer

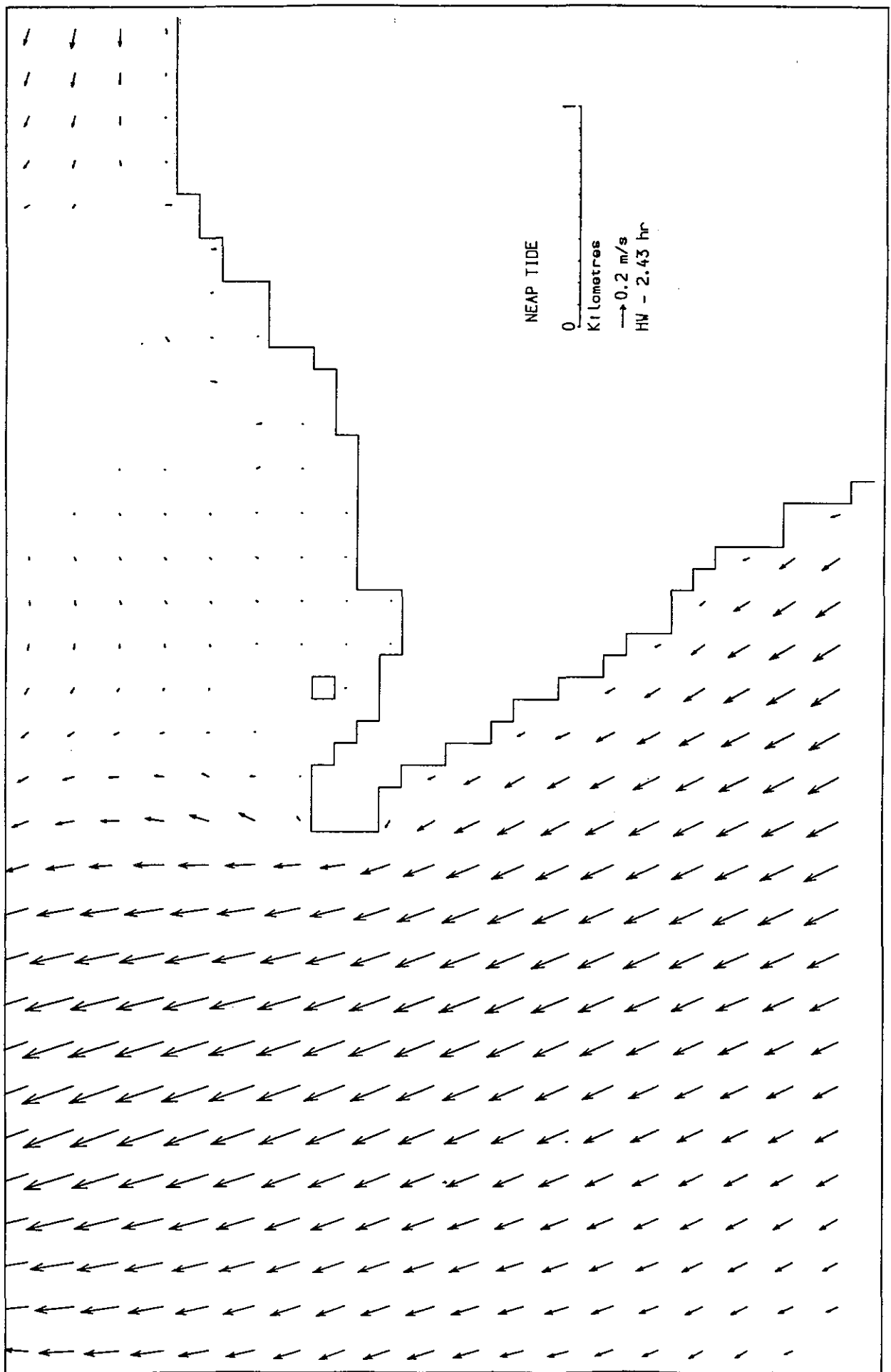


Fig 192 Green Island Reclamation - Case 5
Wet season Neap Flood - Lower layer

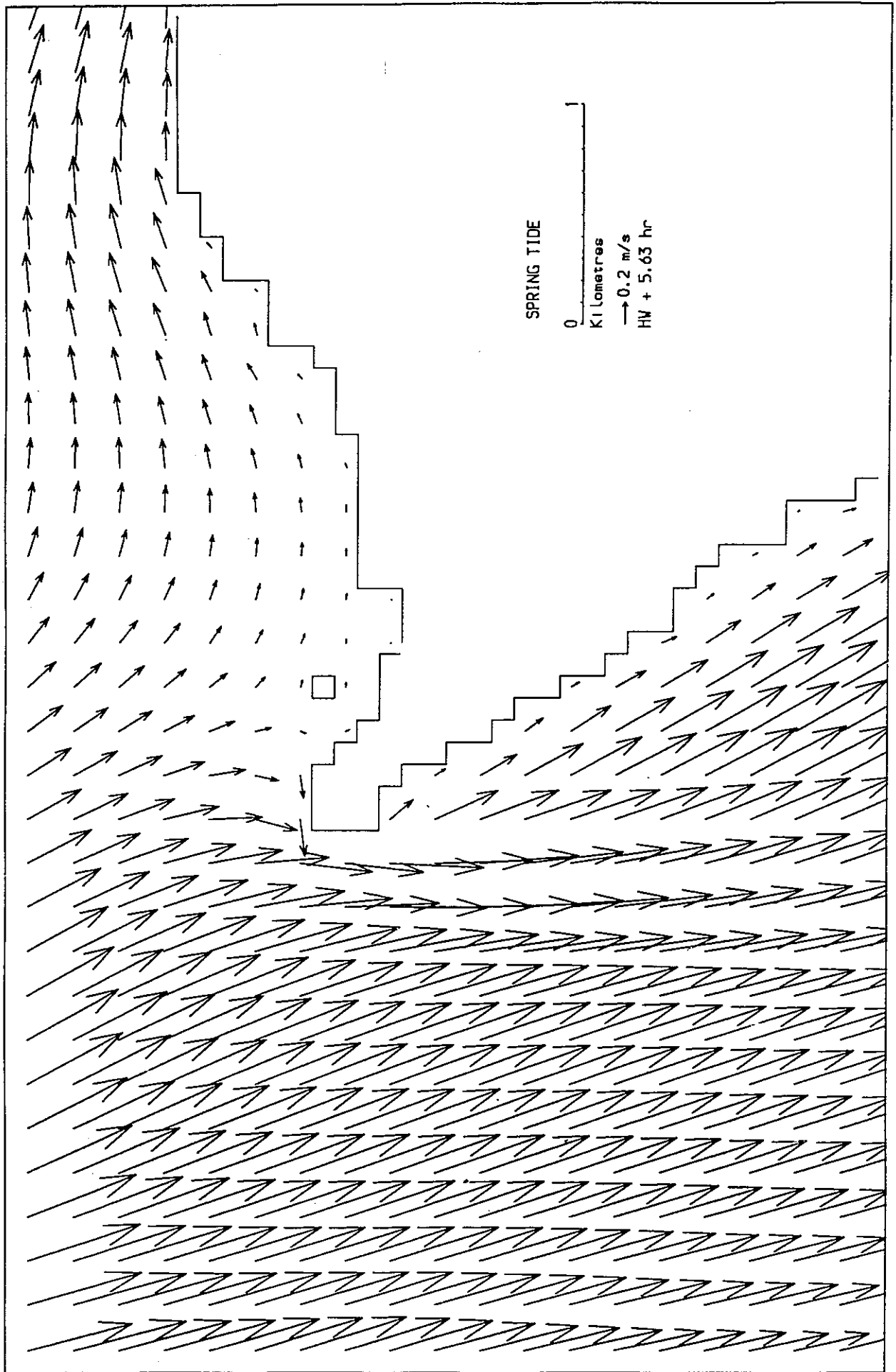


Fig 19M Green Island Reclamation - Case 5
Wet season Spring Ebb - Upper layer

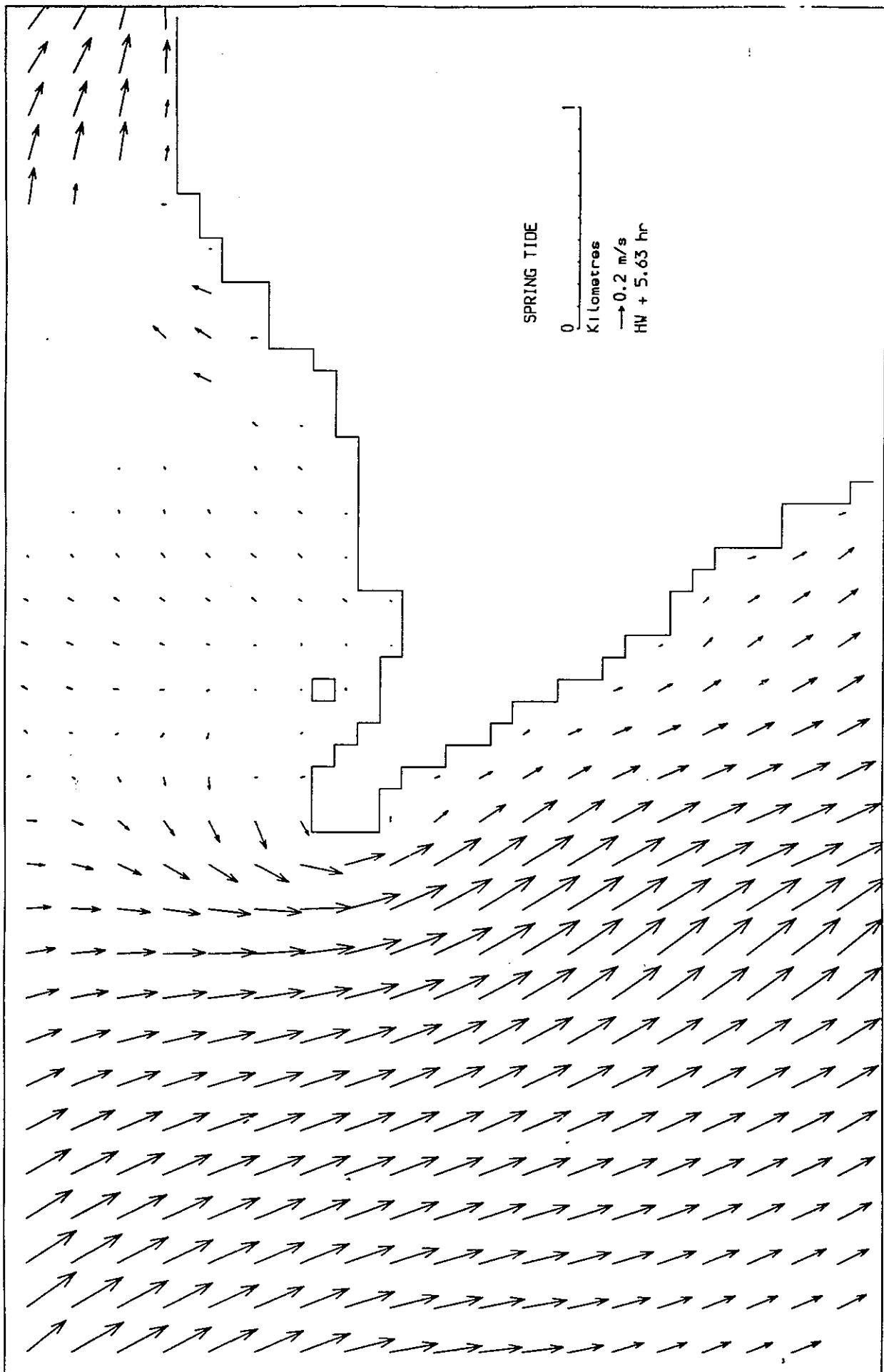


Fig 19a Green Island Reclamation - Case 5
 Wet season Spring Ebb - Lower layer

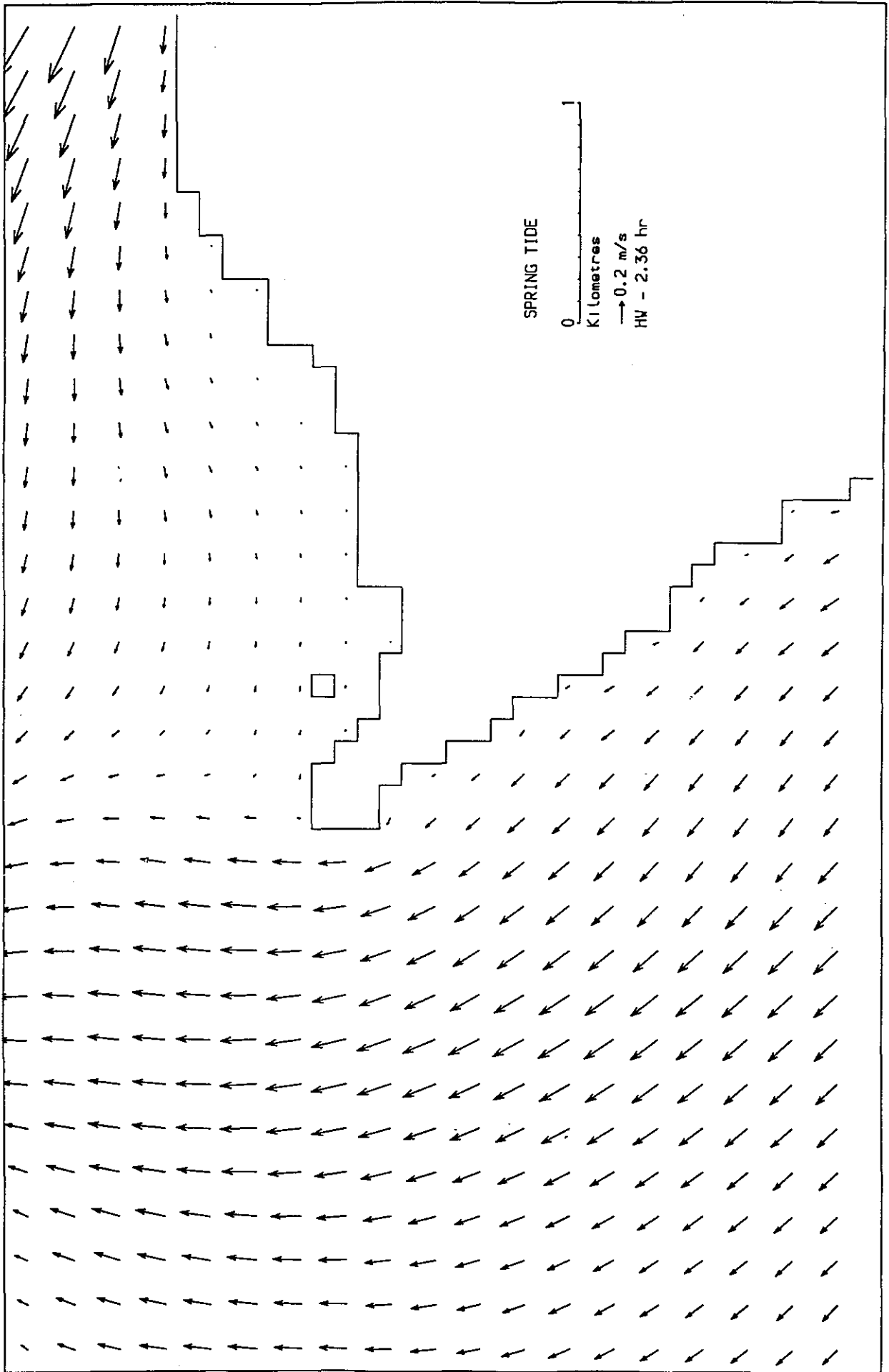
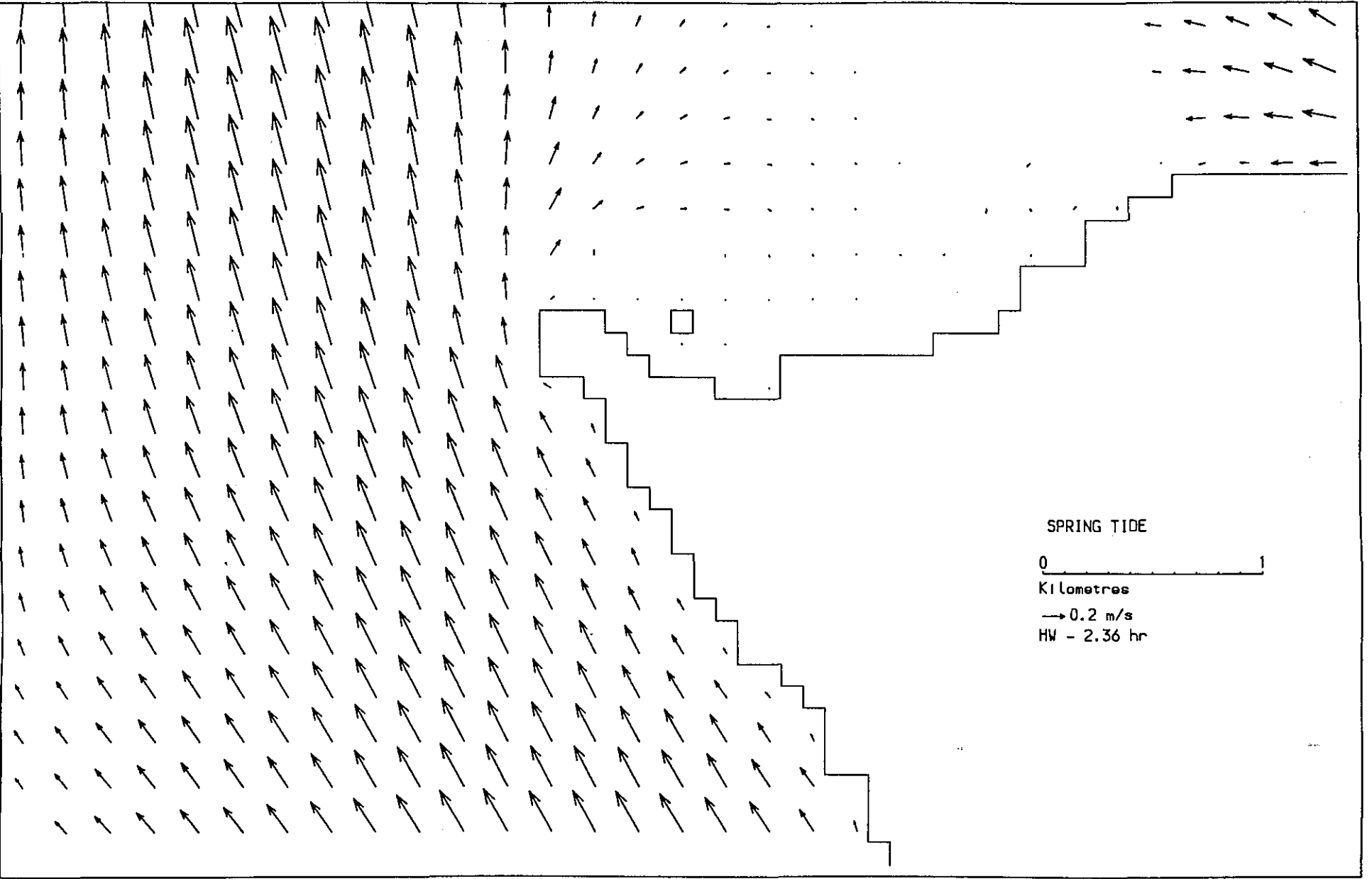


Fig 190 Green Island Reclamation - Case 5
Wet season Spring Flood - Upper layer

Fig 197 Green Island Reclamation - Case 5
Wet season Spring Flood - Lower layer



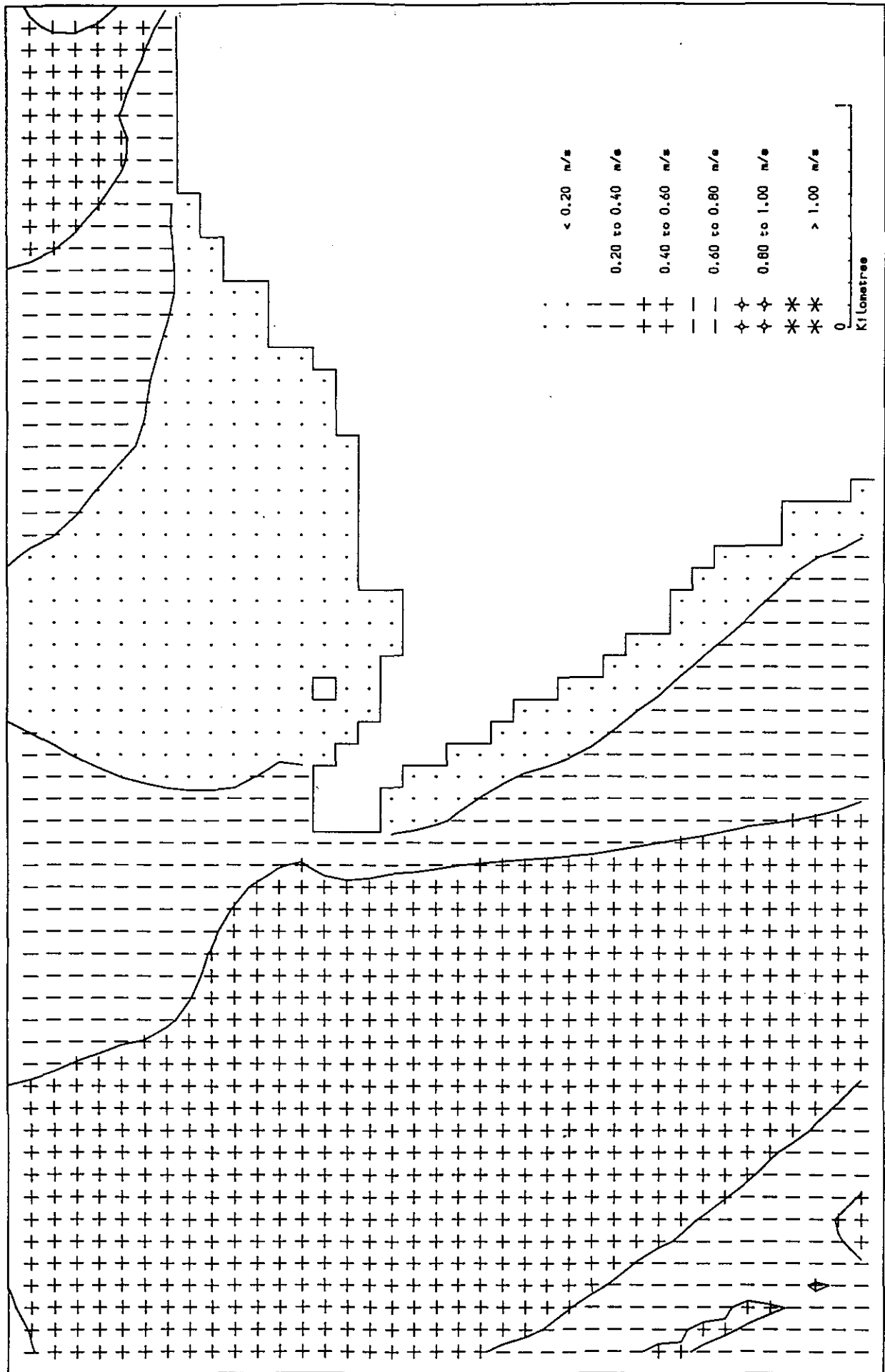


Fig 20a Green Island Reclamation - Upper layer
 Dry season Neap Peak Speed - Case 5

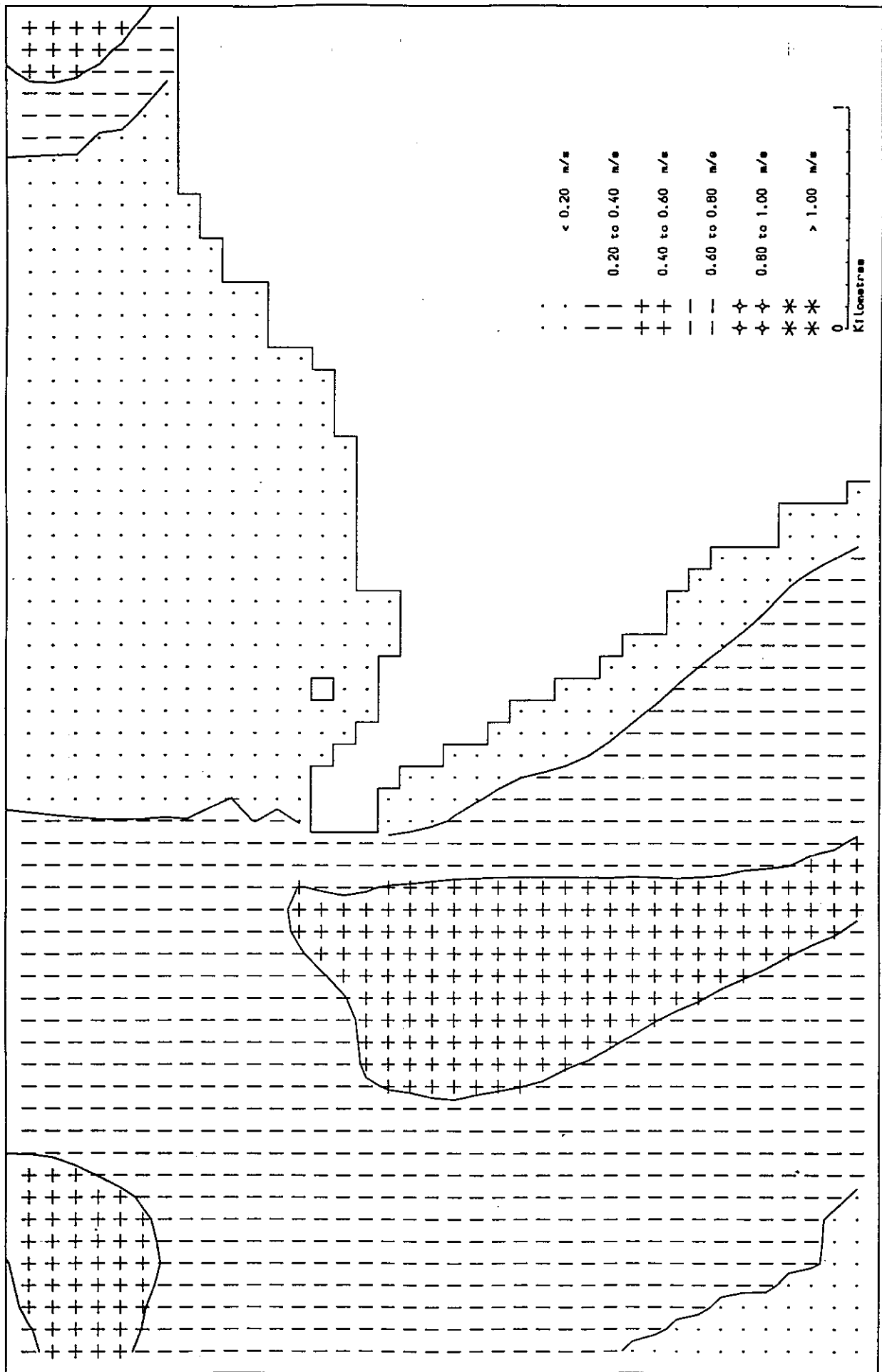


Fig 20b Green Island Reclamation - Lower layer
 Dry season Neap Peak Speed - Case 5

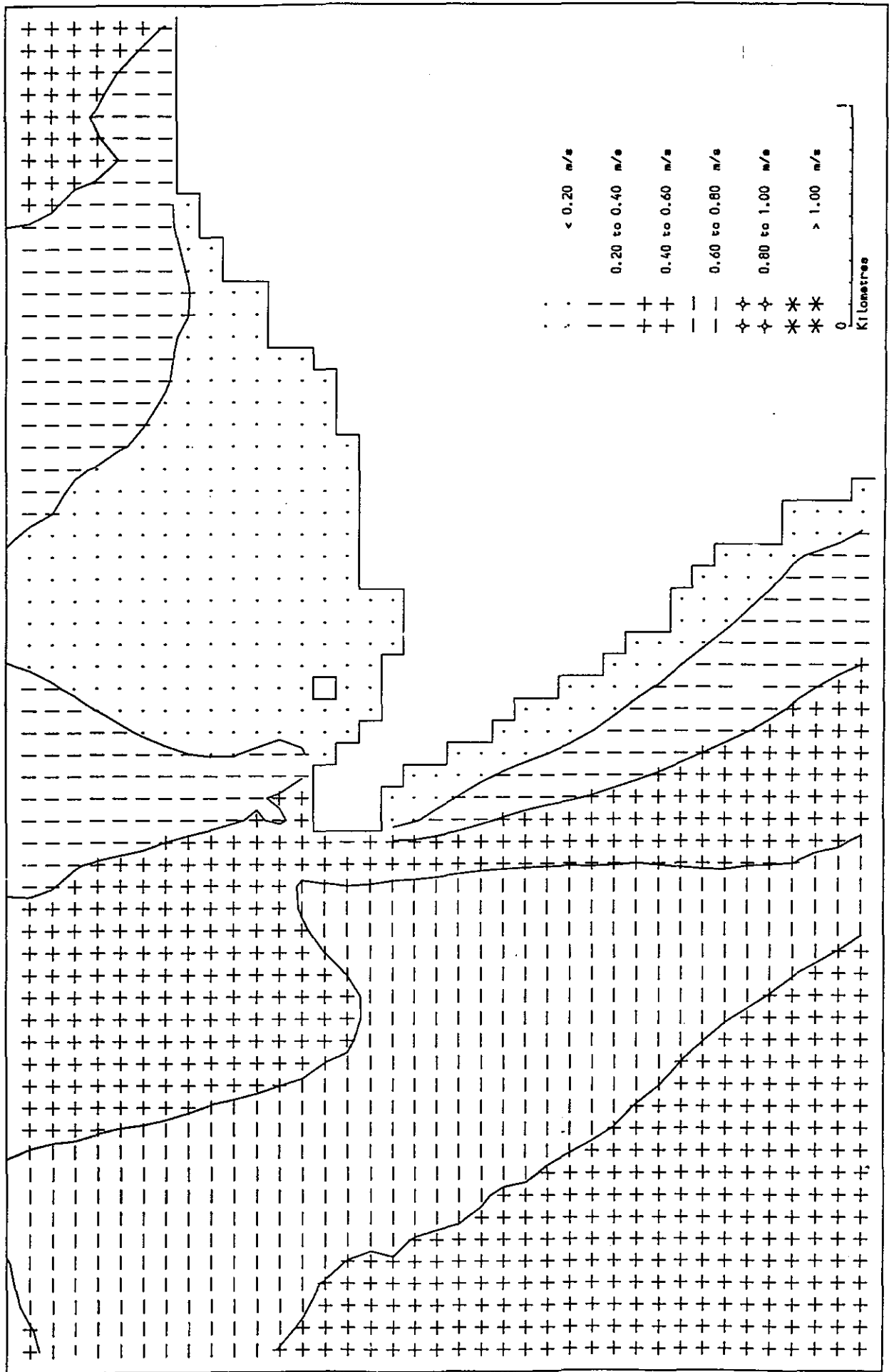


Fig 20c Green Island Reclamation - Upper layer
 Dry season Spring Peak Speed - Case 5

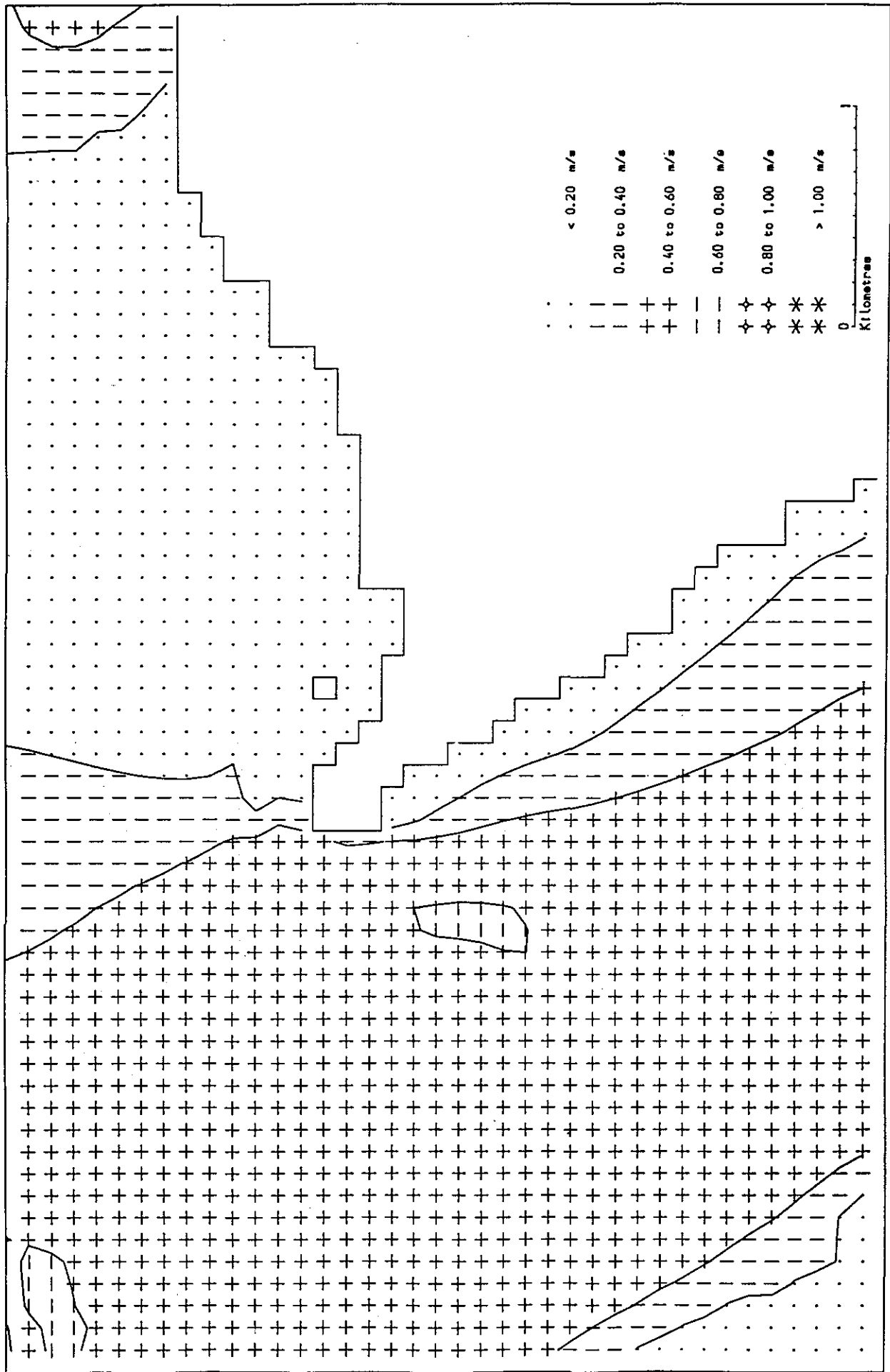


Fig 20d Green Island Reclamation - Lower layer
 Dry season Spring Peak Speed - Case 5

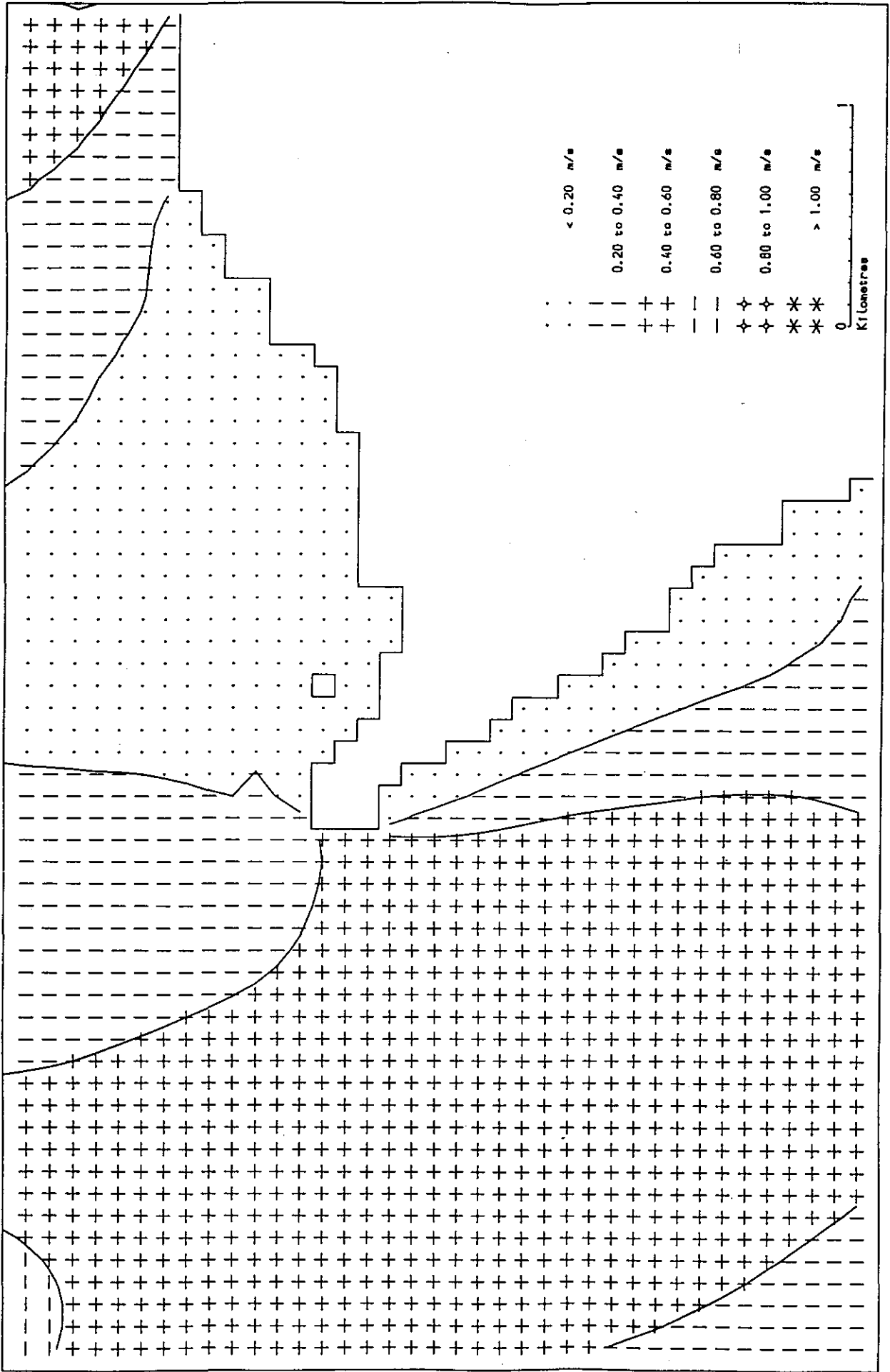


Fig 20e Green Island Reclamation - Upper layer
Wet season Neap Peak Speed - Case 5

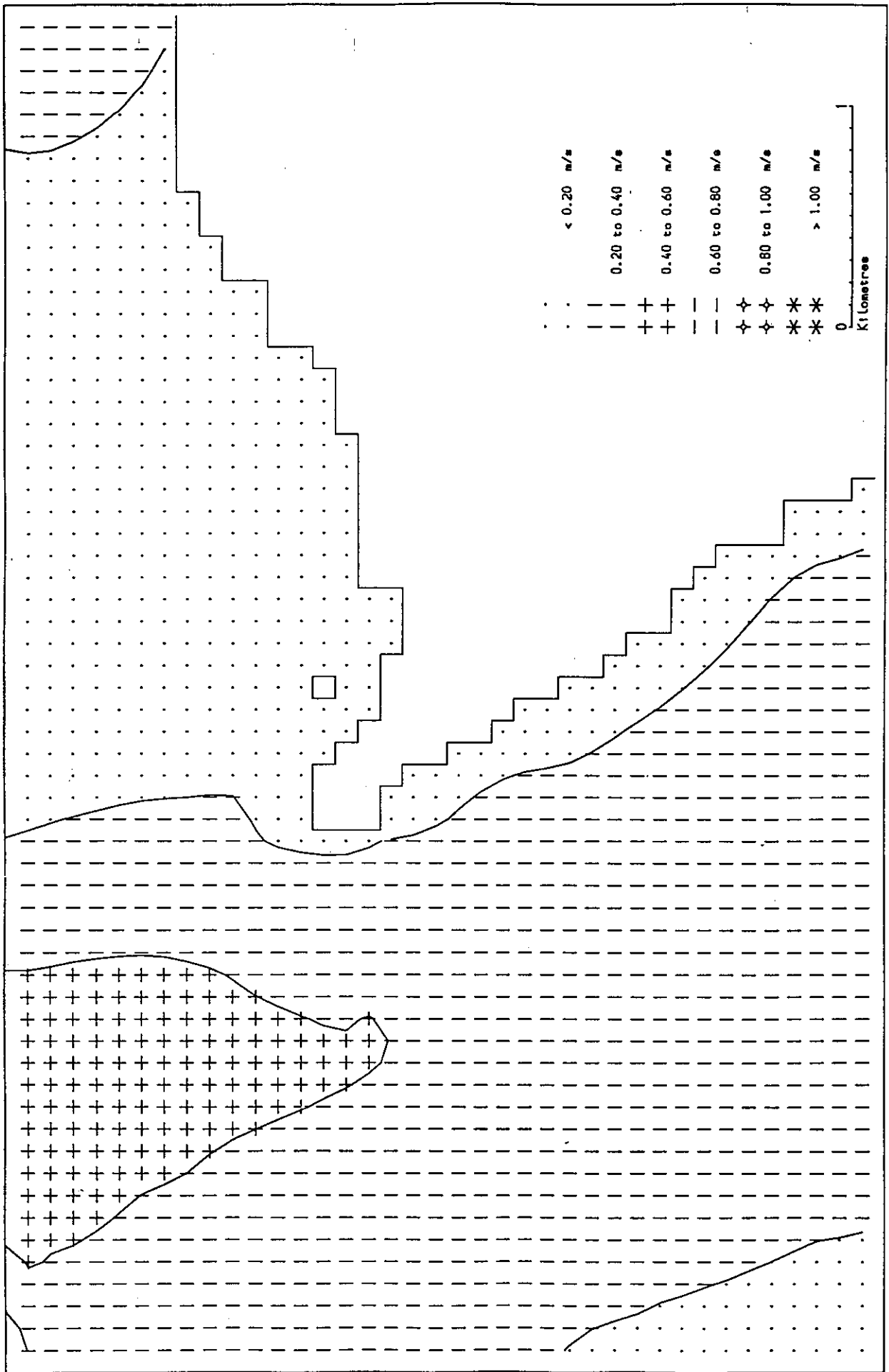


Fig 20f Green Island Reclamation - Lower layer
Wet season Neap Peak Speed - Case 5

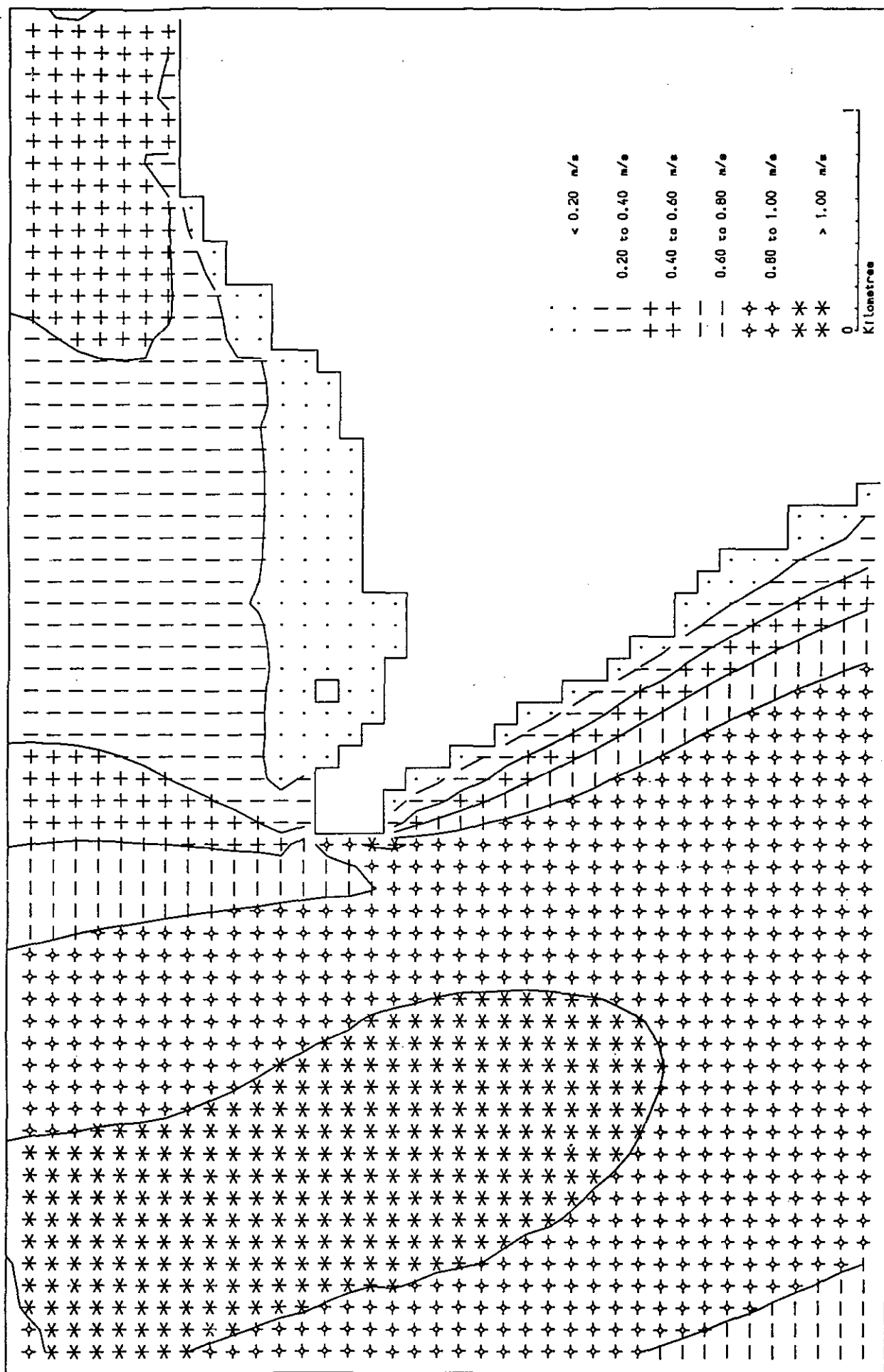


Fig 20g Green Island Reclamation - Upper layer
Wet season Spring Peak Speed - Case 5

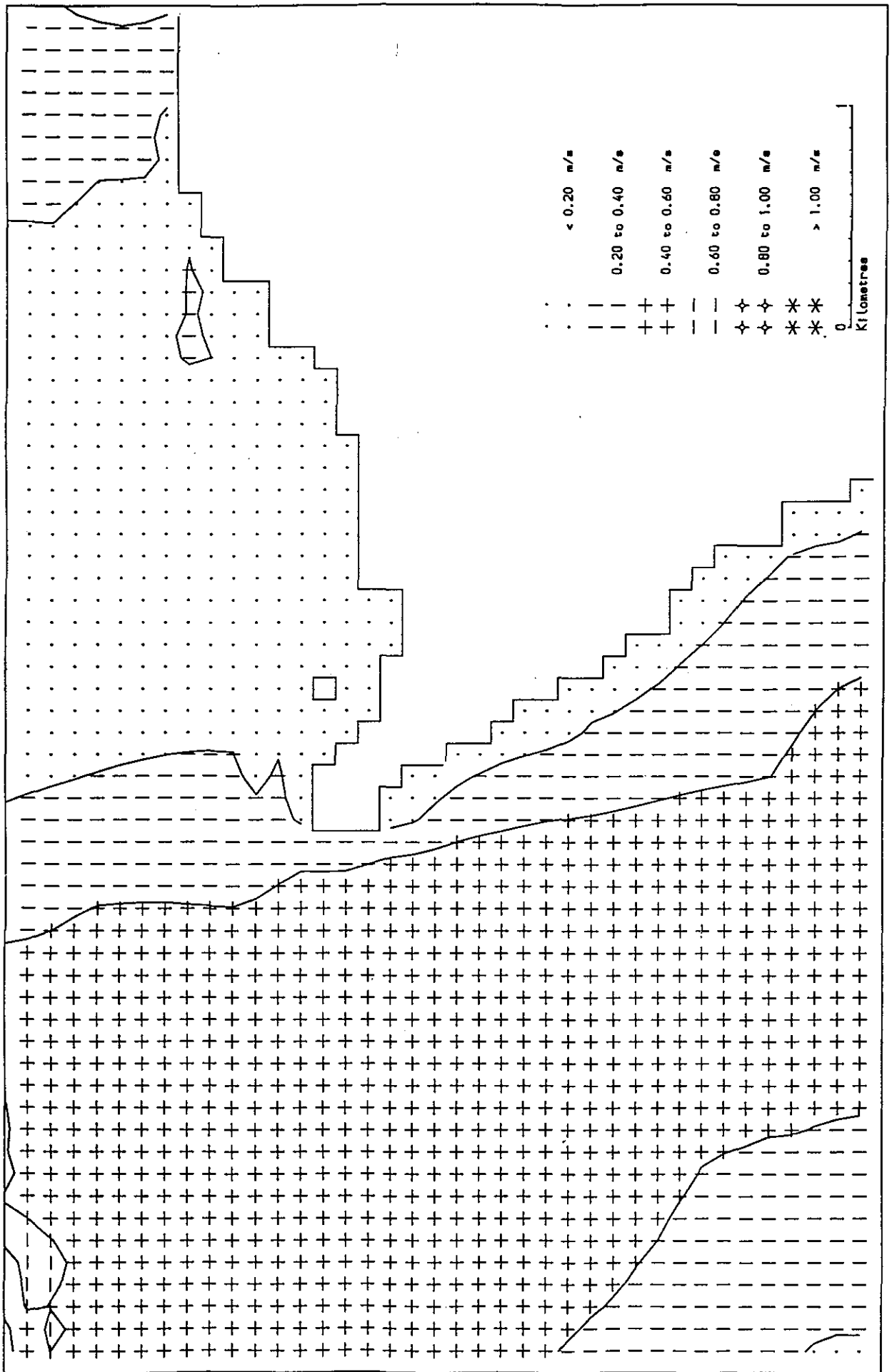


Fig 20h Green Island Reclamation - Lower layer
 Wet season Spring Peak Speed - Case 5

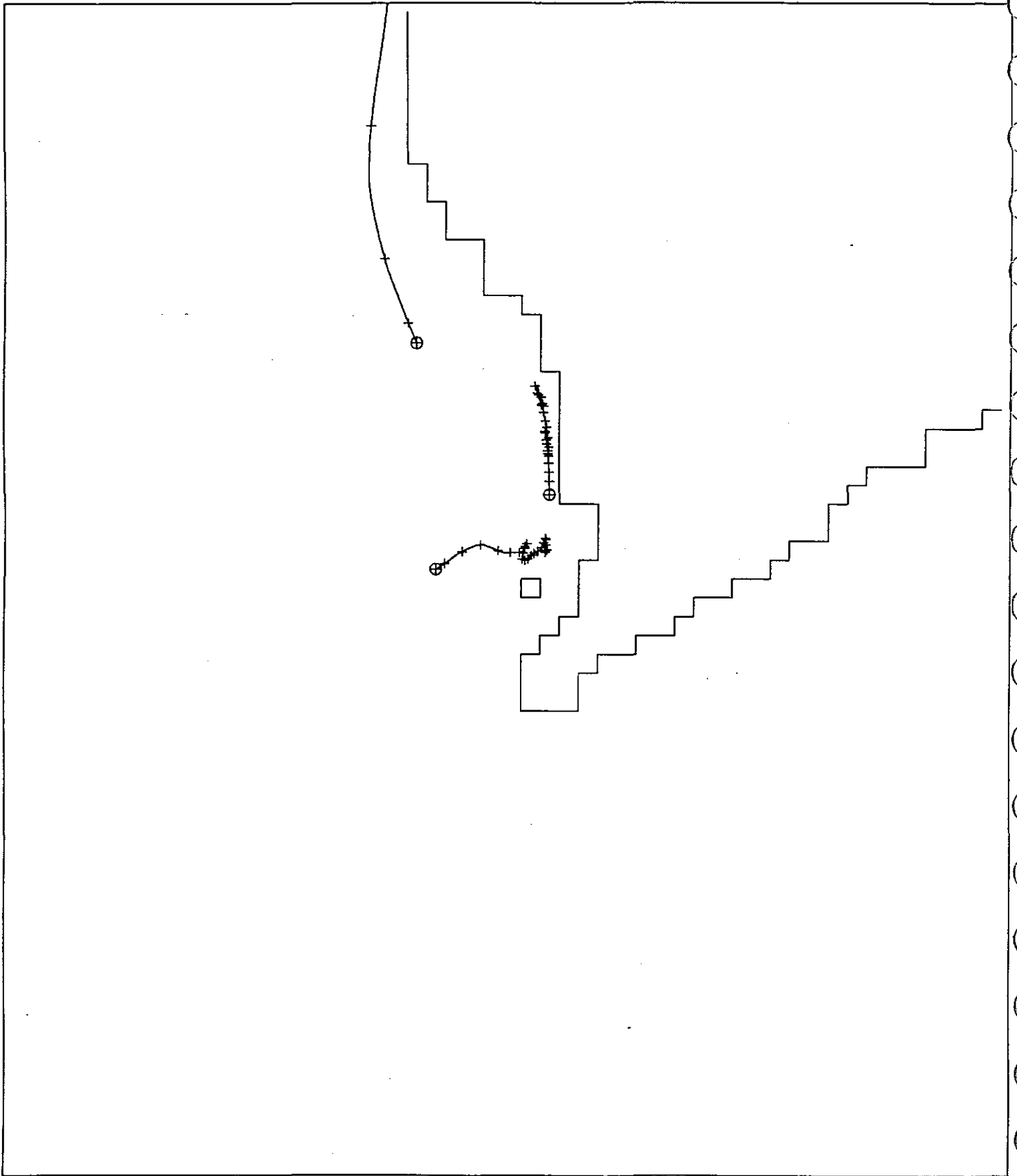


Fig 21a Green Island Reclamation - Case 5
Dry season Neap tide - Released at HHW

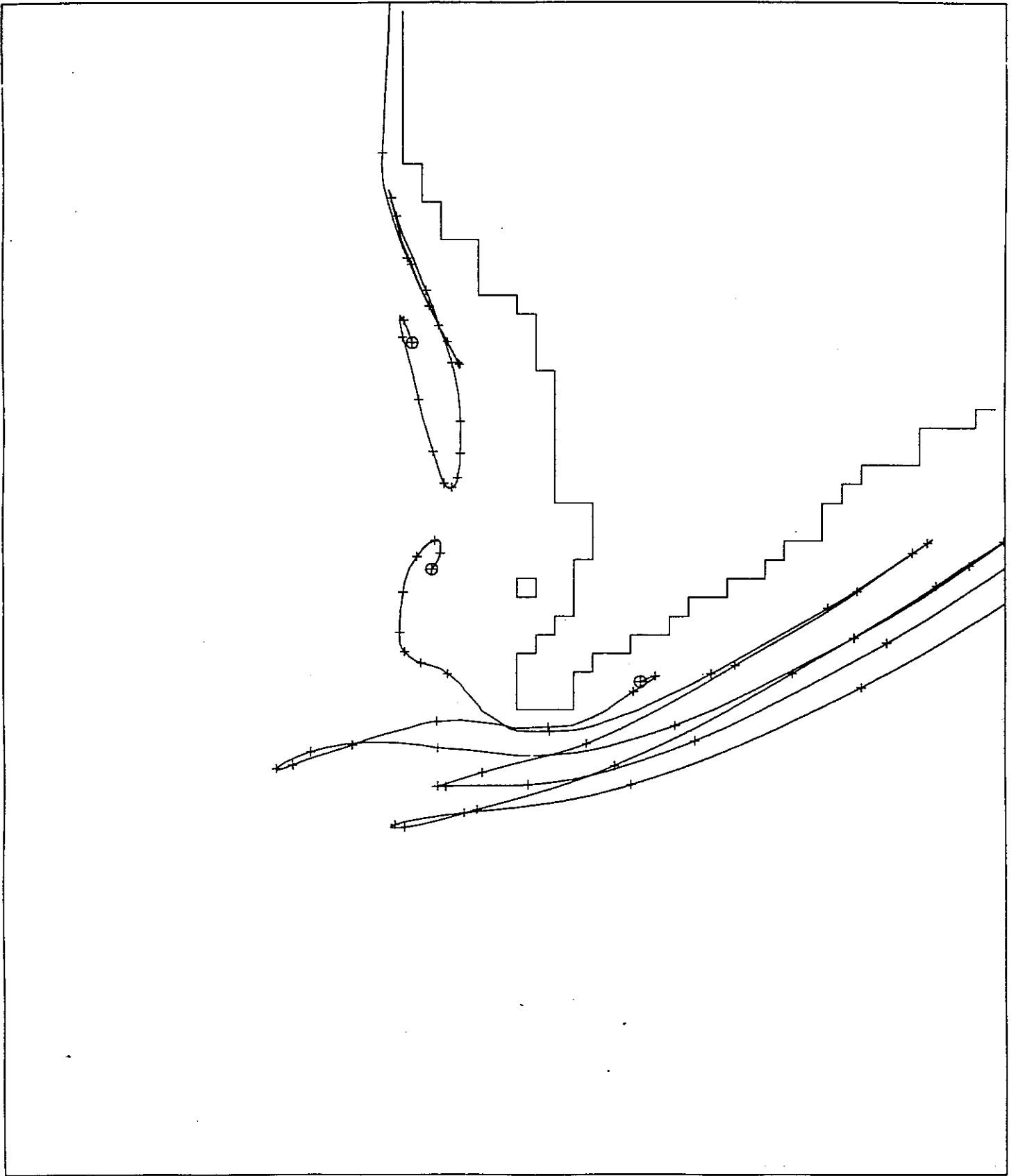


Fig 21b Green Island Reclamation - Case 5
Dry season Neap tide - Released at LLW

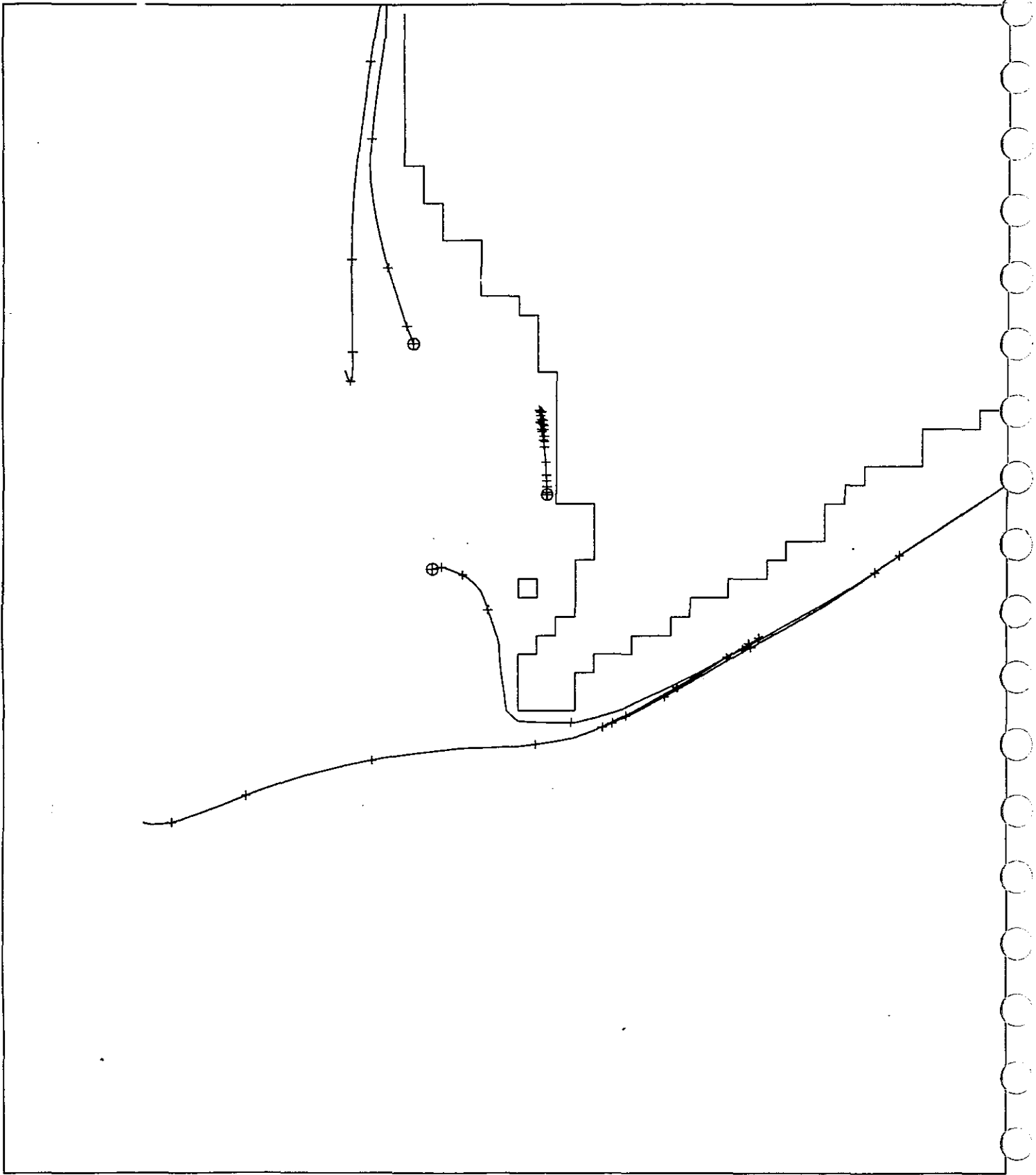


Fig 21c Green Island Reclamation - Case 5
 Dry season Spring tide - Released at HHW

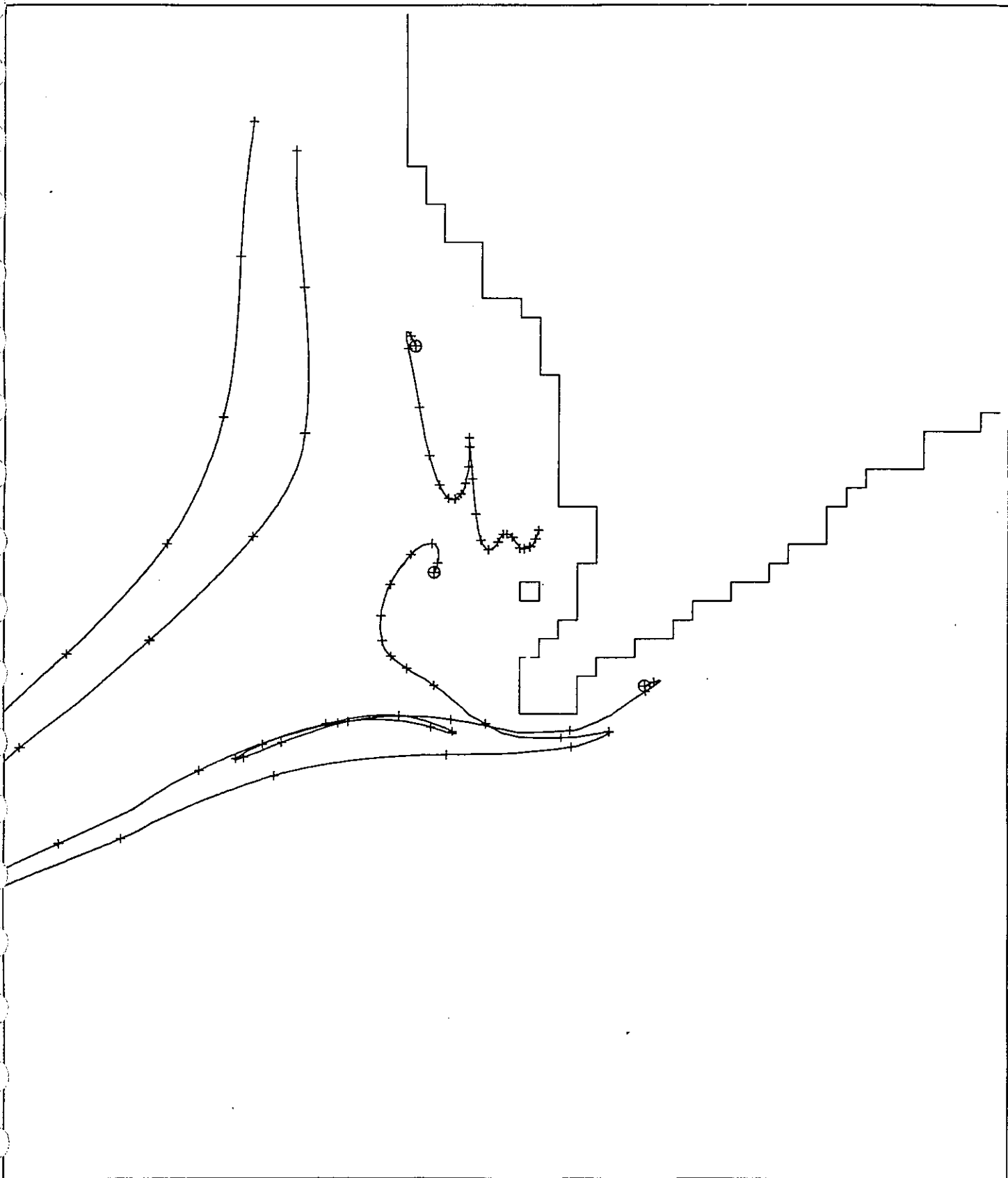


Fig 21d Green Island Reclamation - Case 5
Dry season Spring tide - Released at LLW

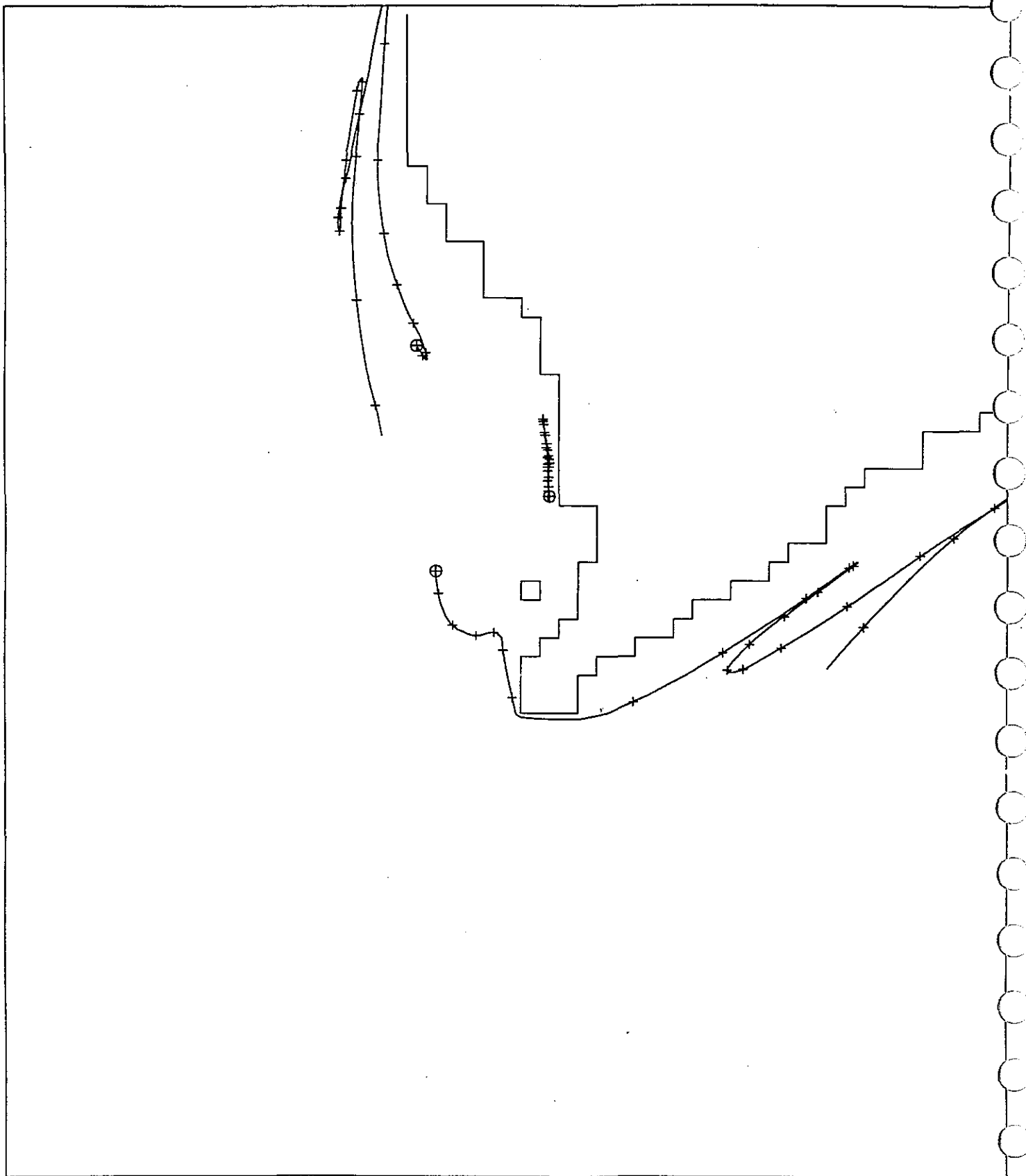


Fig 21e Green Island Reclamation - Case 5
 Wet season Neap tide - Released at HHW

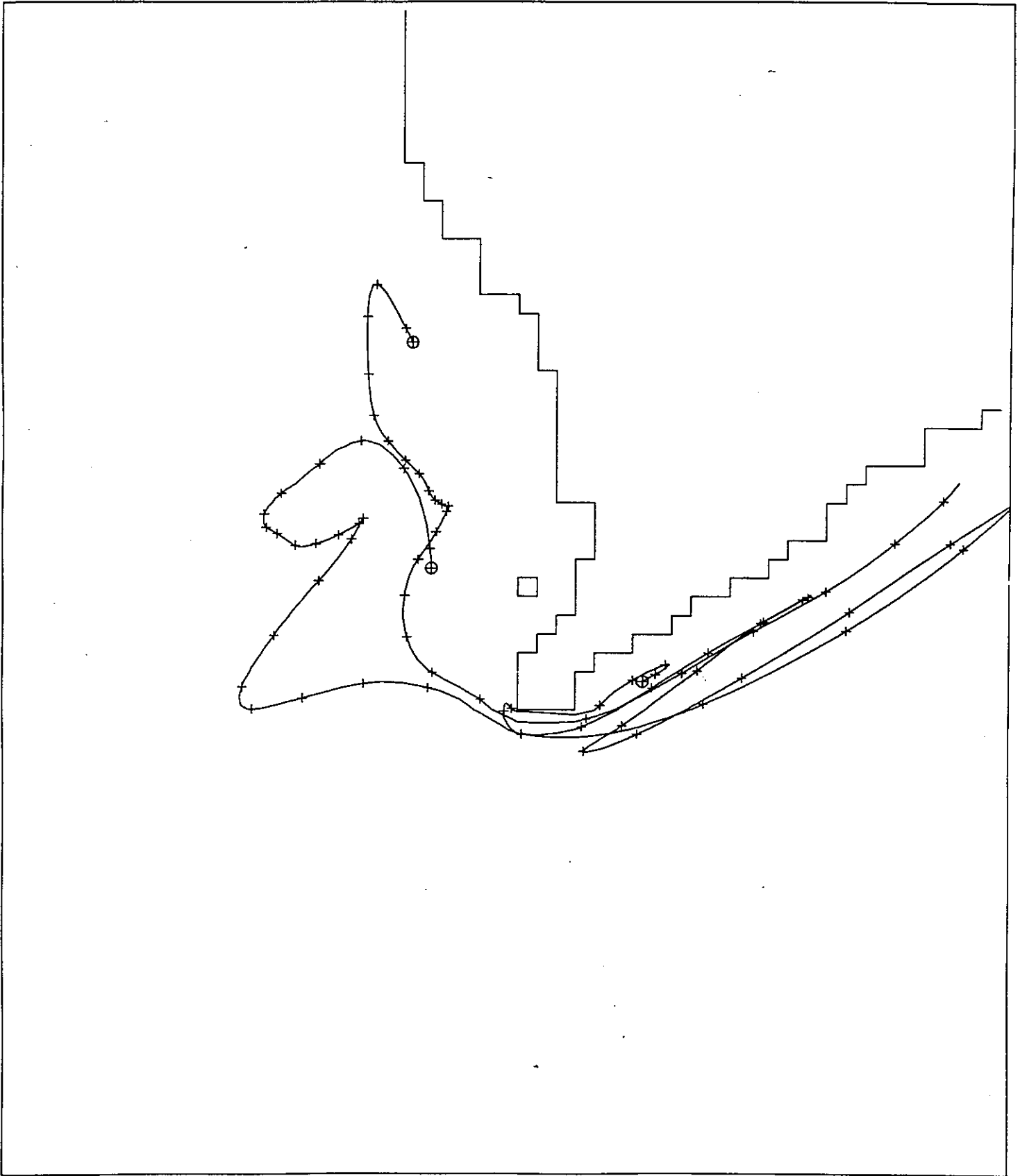


Fig 21f Green Island Reclamation - Case 5
Wet season Neap tide - Released at LLW

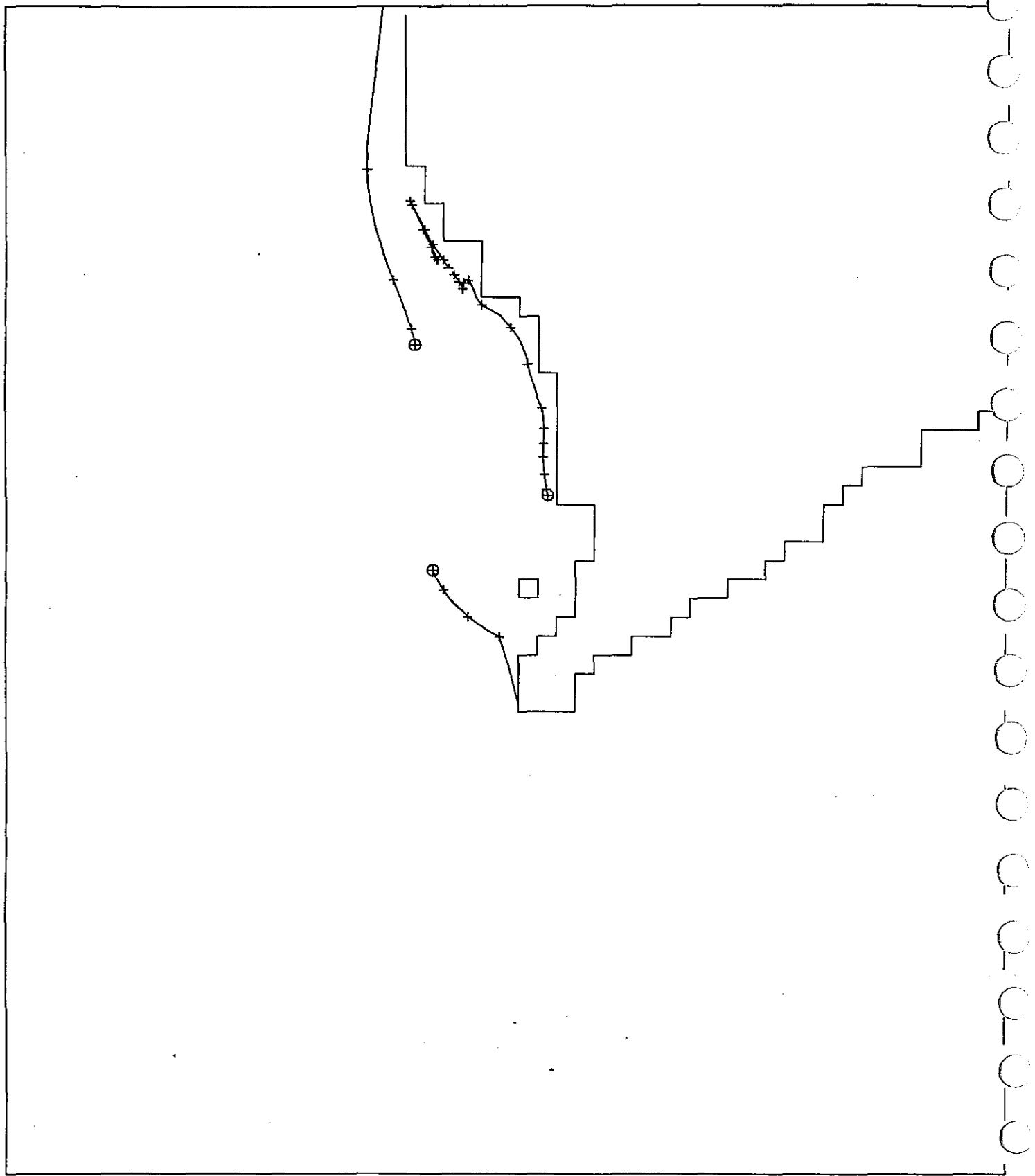


Fig 21g Green Island Reclamation, - Case 5
Wet season Spring tide - Released at HHW

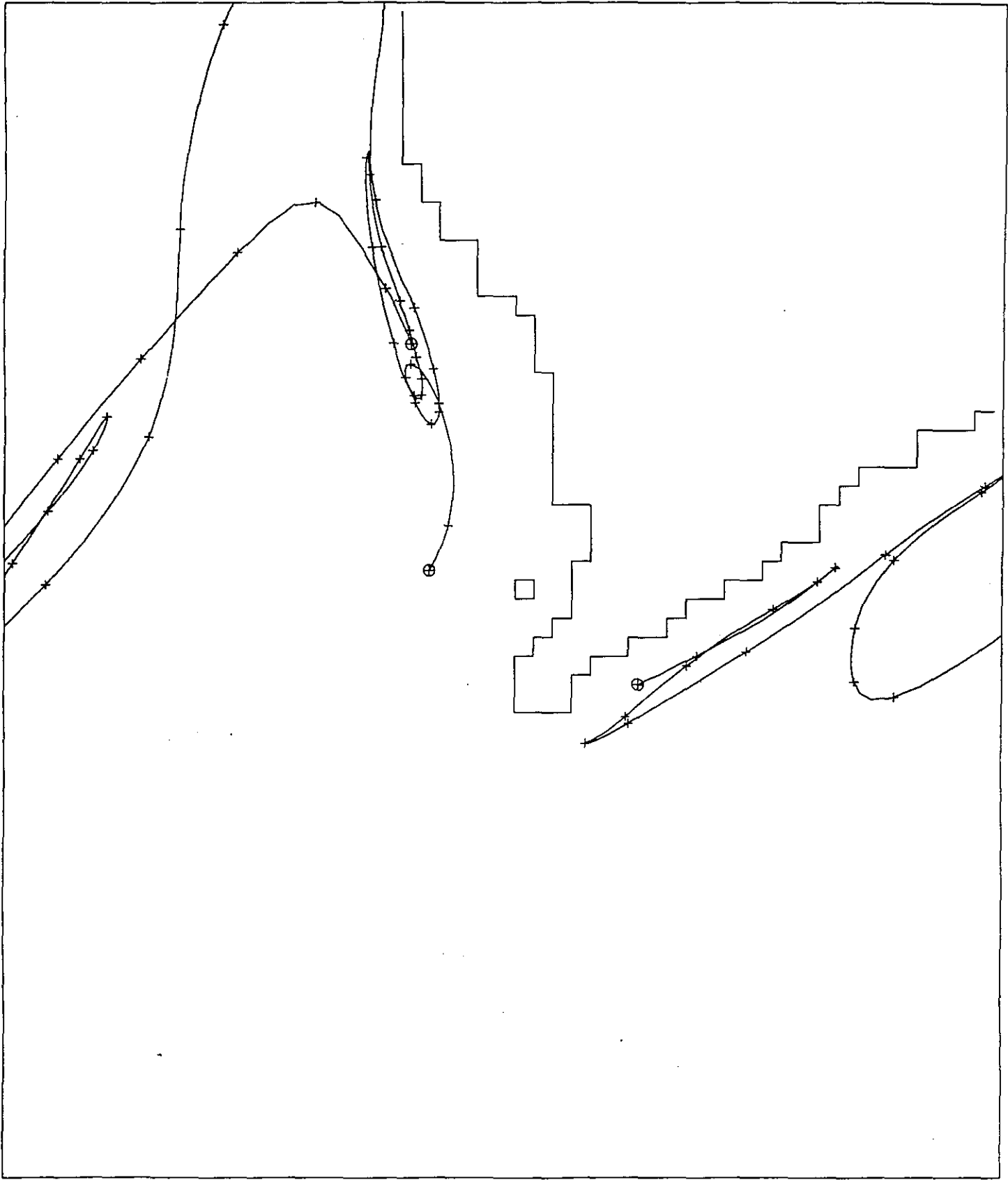
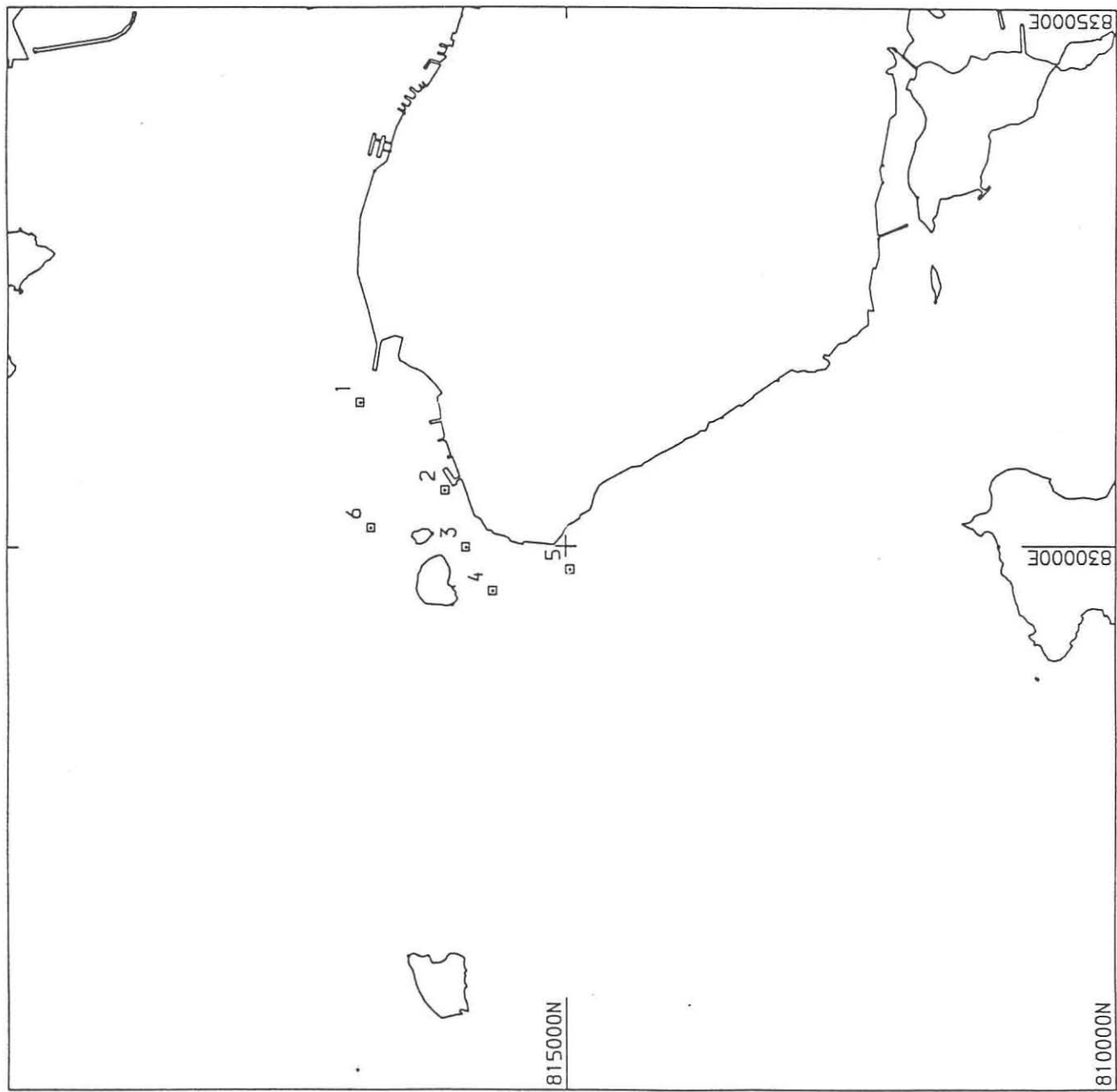


Fig 21h Green Island Reclamation - Case 5
Wet season Spring tide - Released at LLW

APPENDIX 2

50m GRID MODEL RESULTS

Green Island Reclamation - Location of Stations



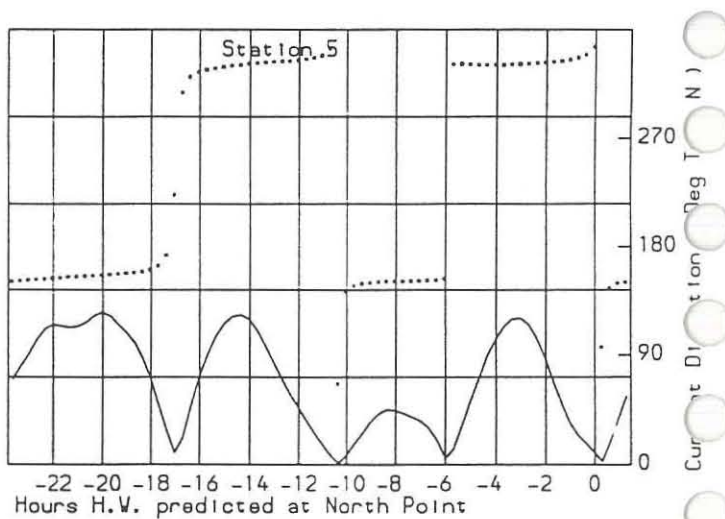
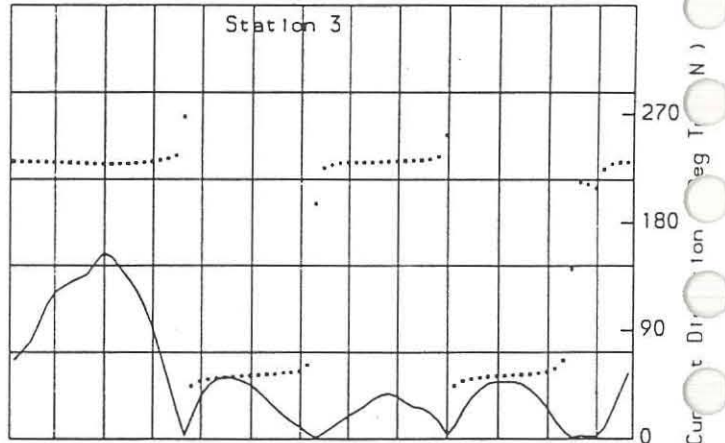
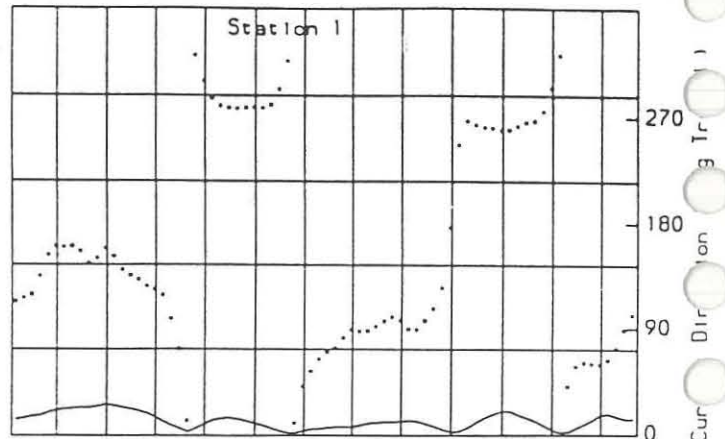
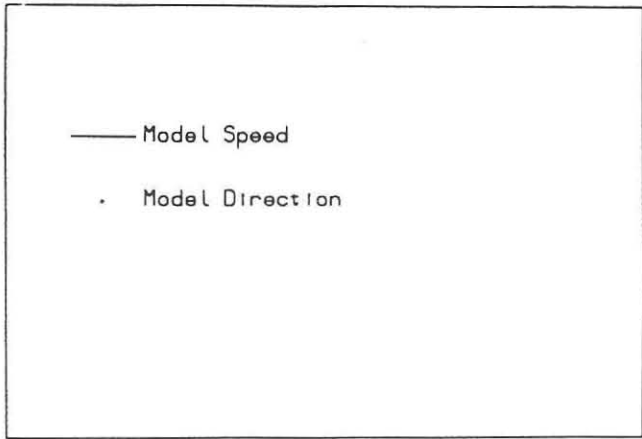
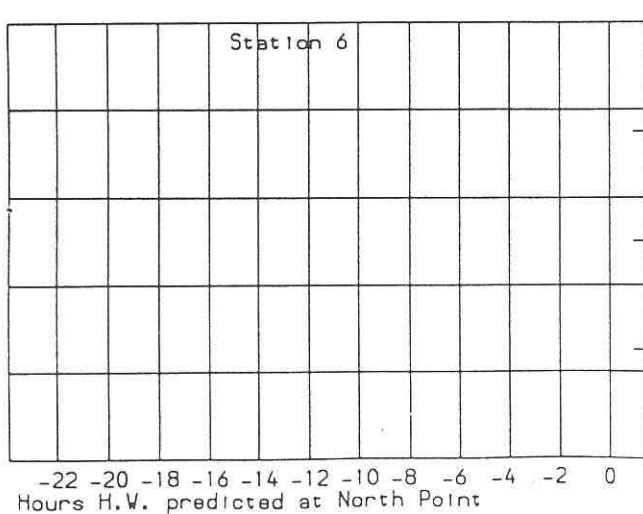
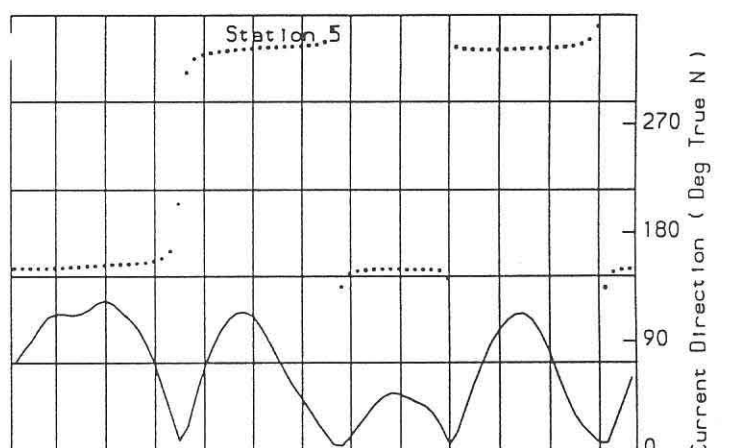
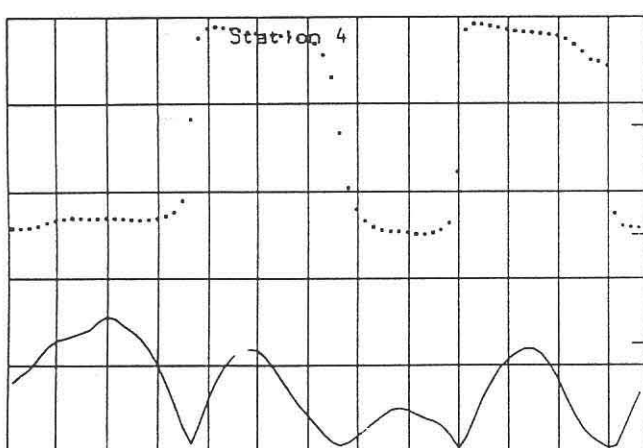
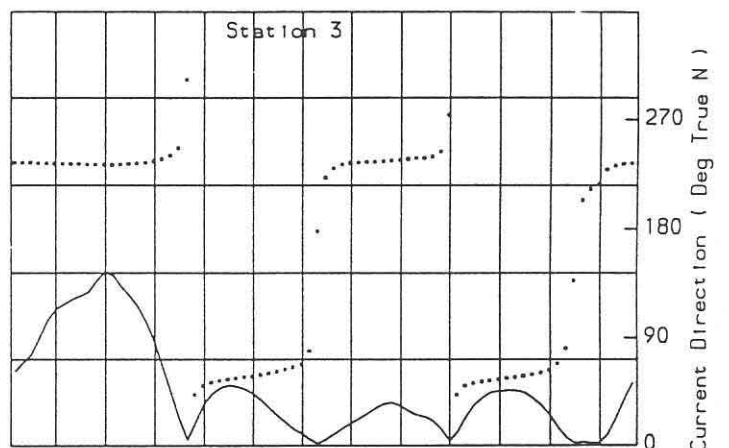
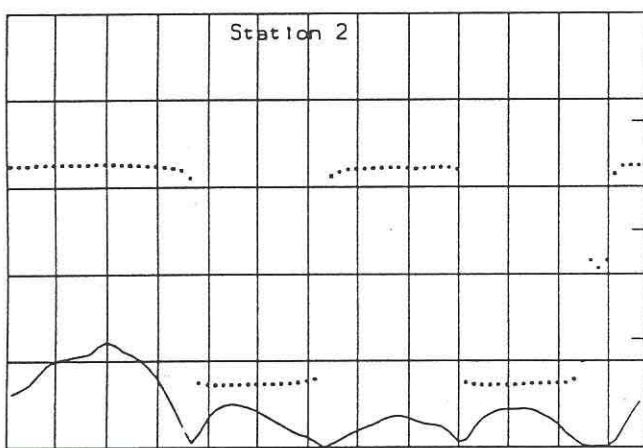
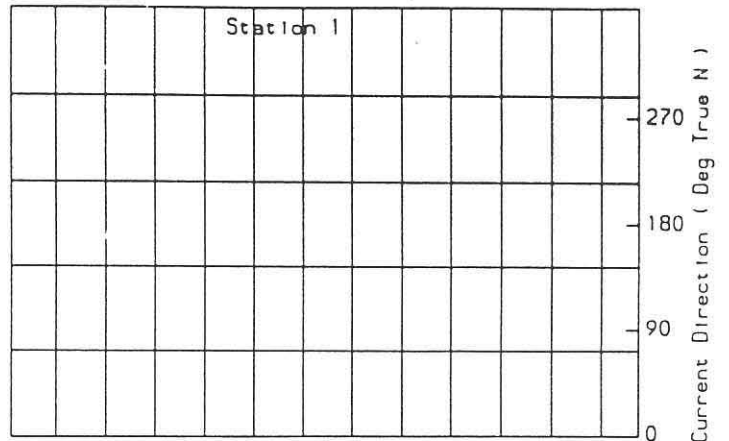
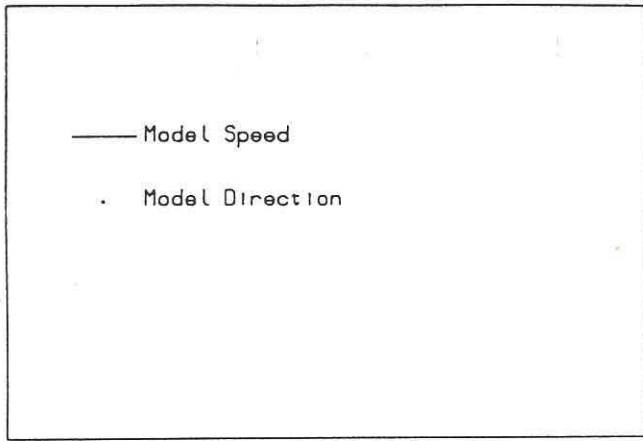
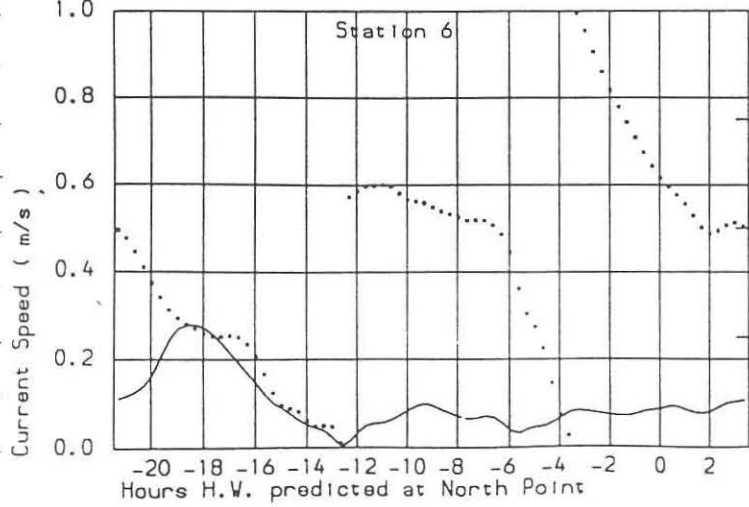
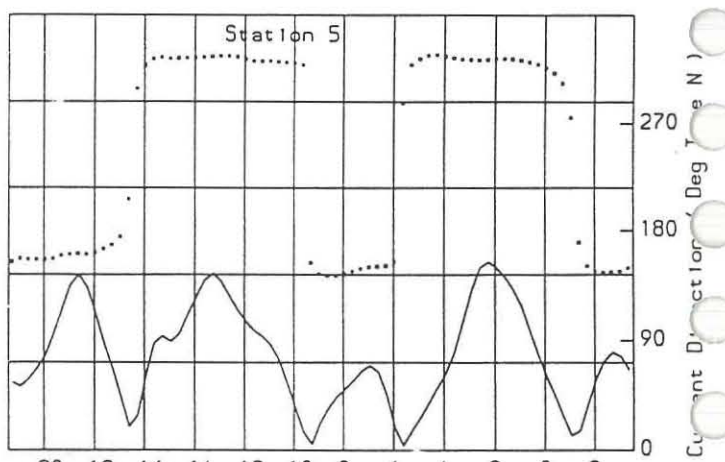
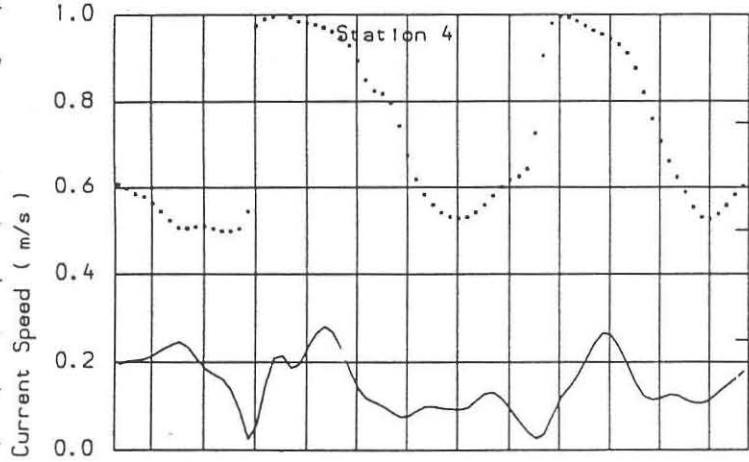
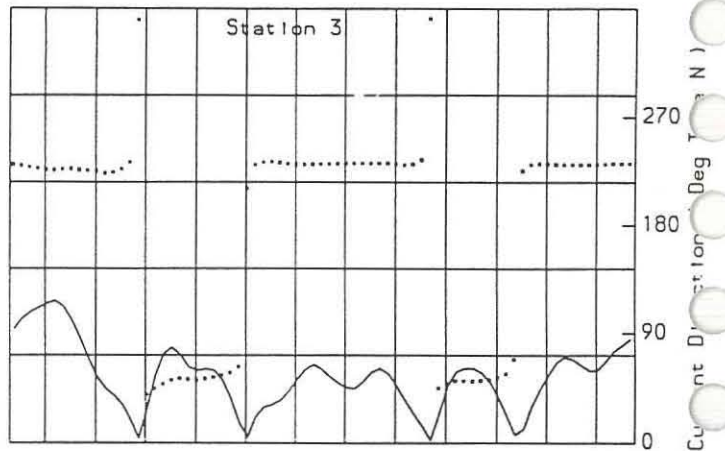
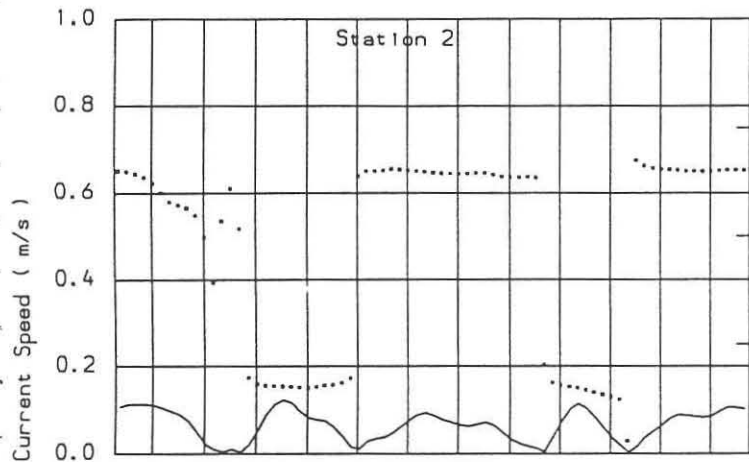
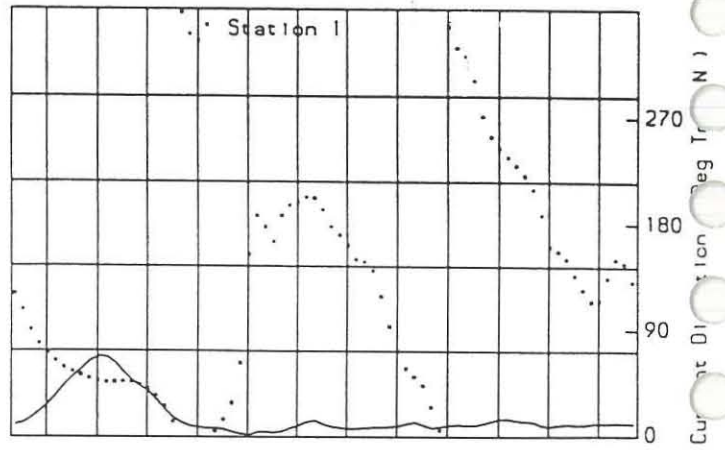
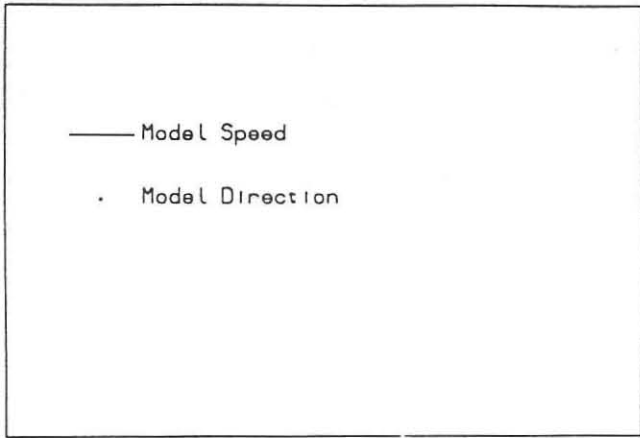


Fig 22a Green Island (50m grid) Model - Case 1
 Dry season Spring tide - Upper layer



Hours H.W. predicted at North Point

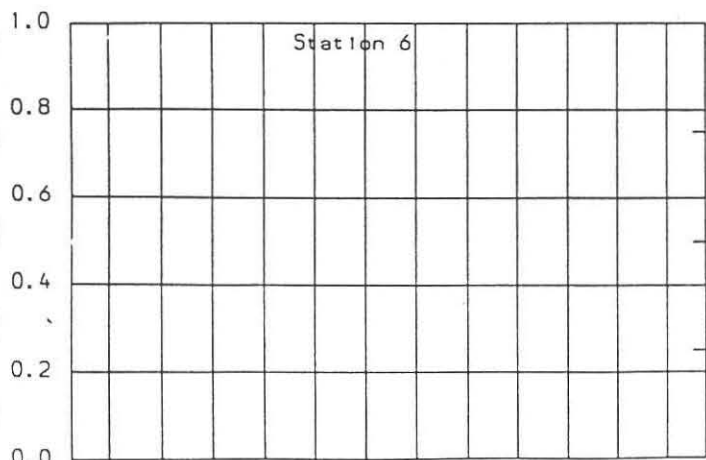
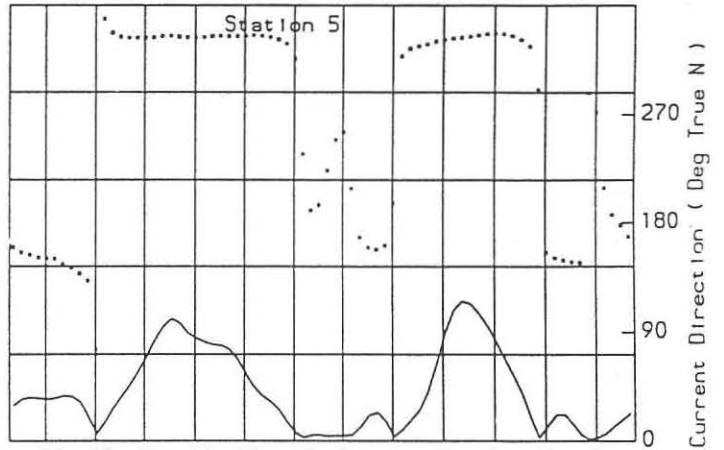
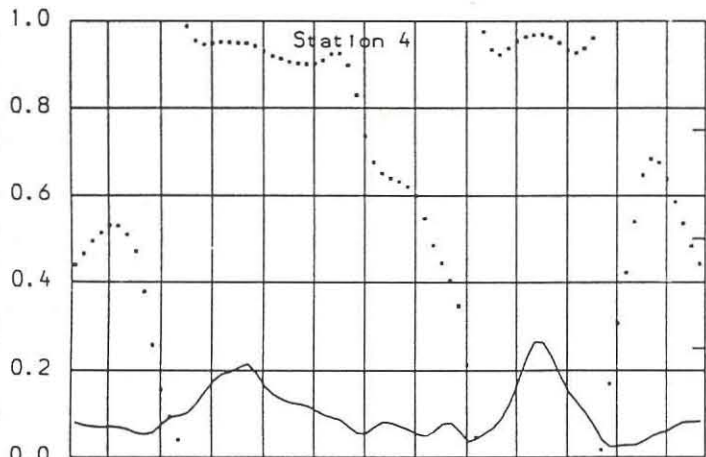
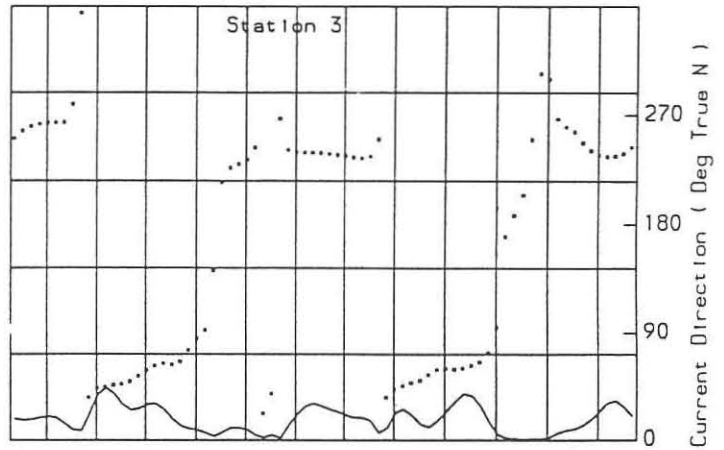
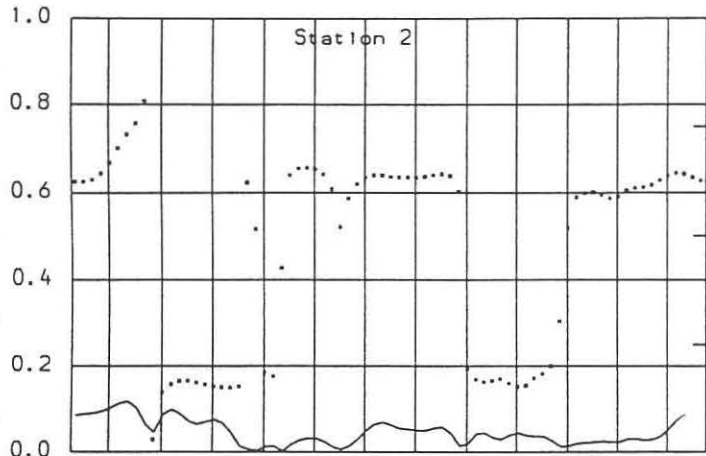
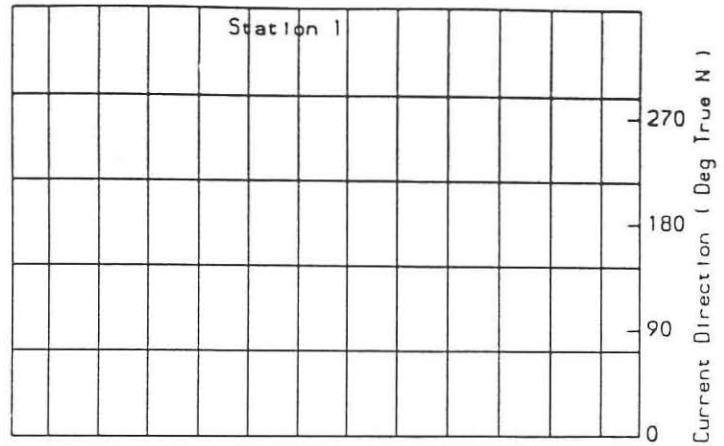
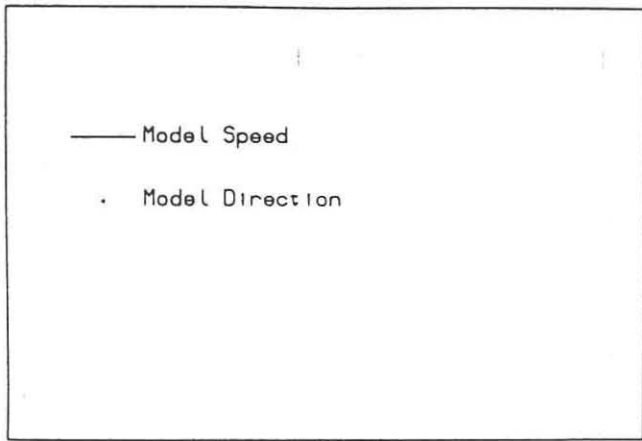
Fig 22b Green Island (50m grid) Model - Case 1
 Dry season Spring tide - Lower layer



Hours H.W. predicted at North Point

-20 -18 -16 -14 -12 -10 -8 -6 -4 -2 0 2

Fig 22c Green Island (50m grid) Model - Case 1
 Wet season Neap tide - Upper layer



-20 -18 -16 -14 -12 -10 -8 -6 -4 -2 0 2
 Hours H.W. predicted at North Point

Fig 22d Green Island (50m grid) Model - Case 1
 Wet season Neap tide - Lower layer

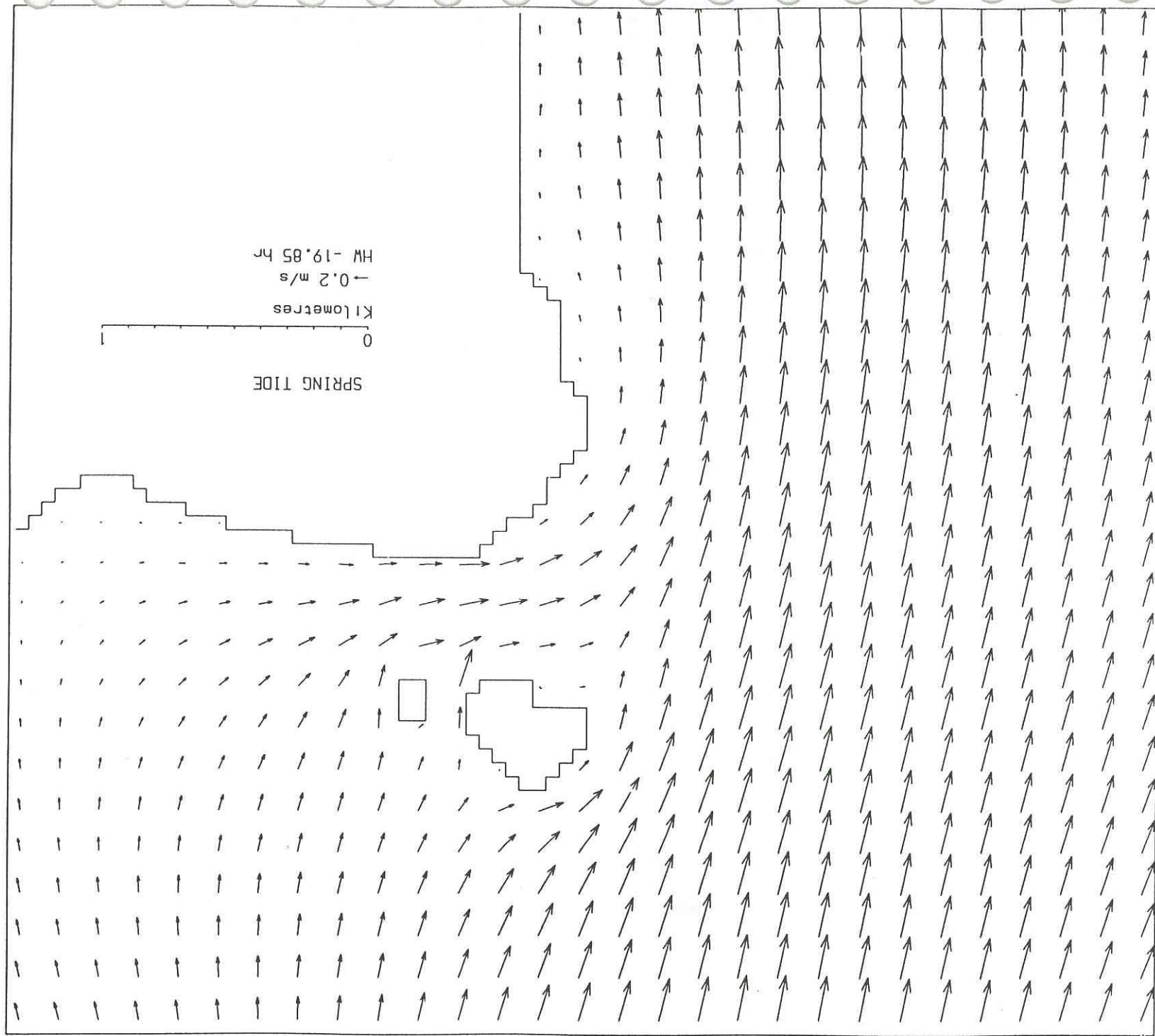


Fig 23a Green Island (50m grid) Model - Case 1
Dry season Spring Ebb - Upper layer

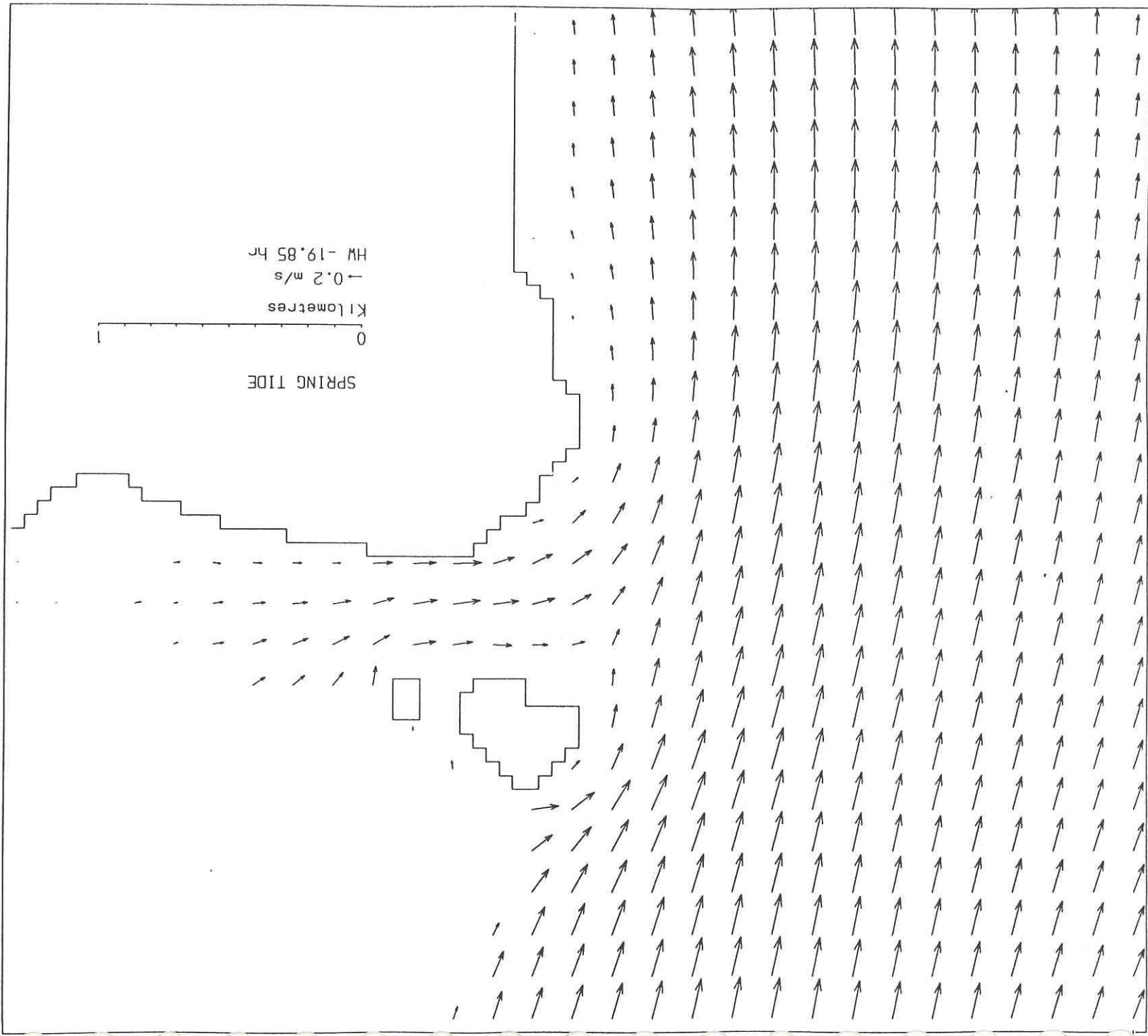


Fig 23b Green Island (50m grid) Model - Case 1
Dry season Spring Ebb - Lower layer

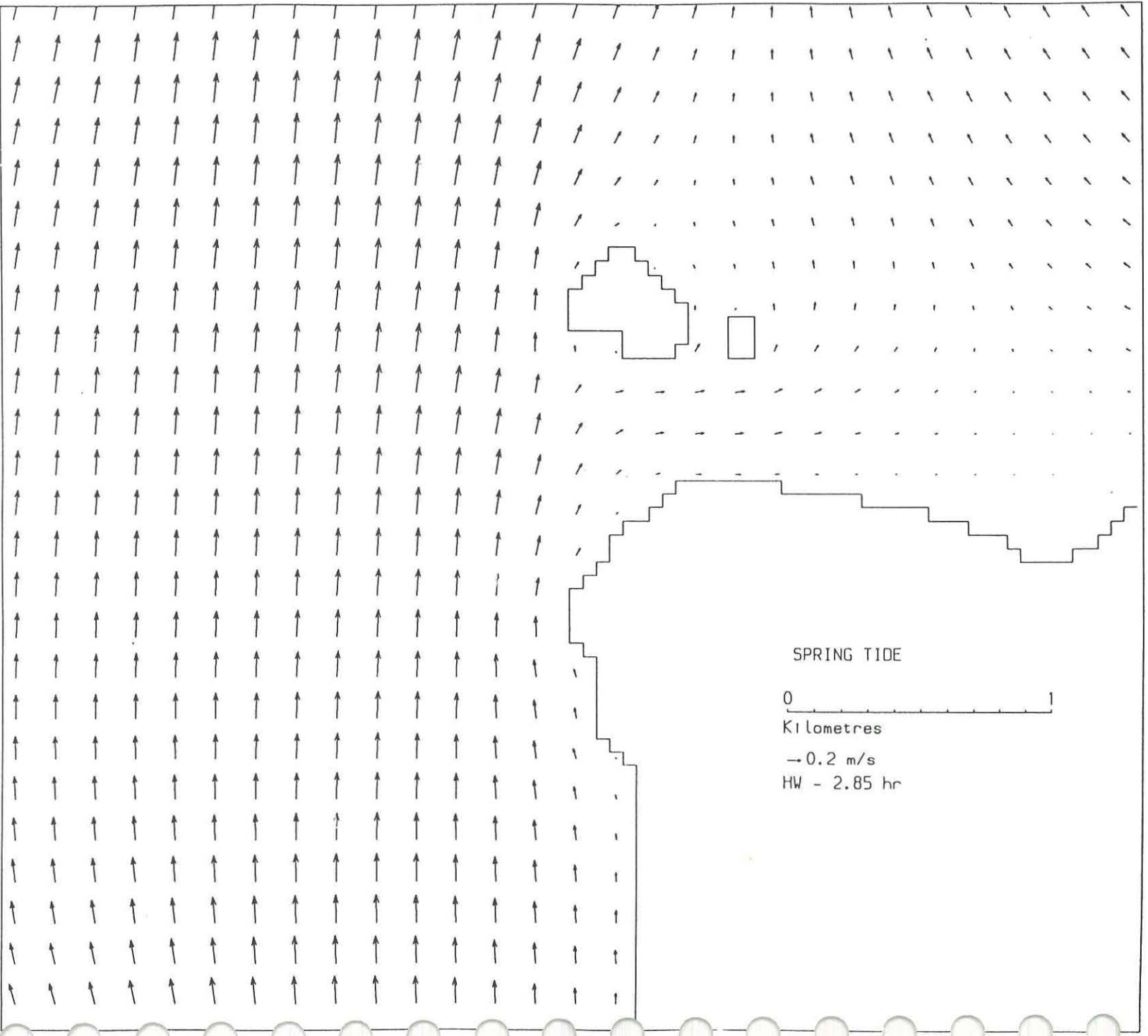


Fig 23c Green Island (50m grid) Model - Case 1
Dry season Spring Flood - Upper layer

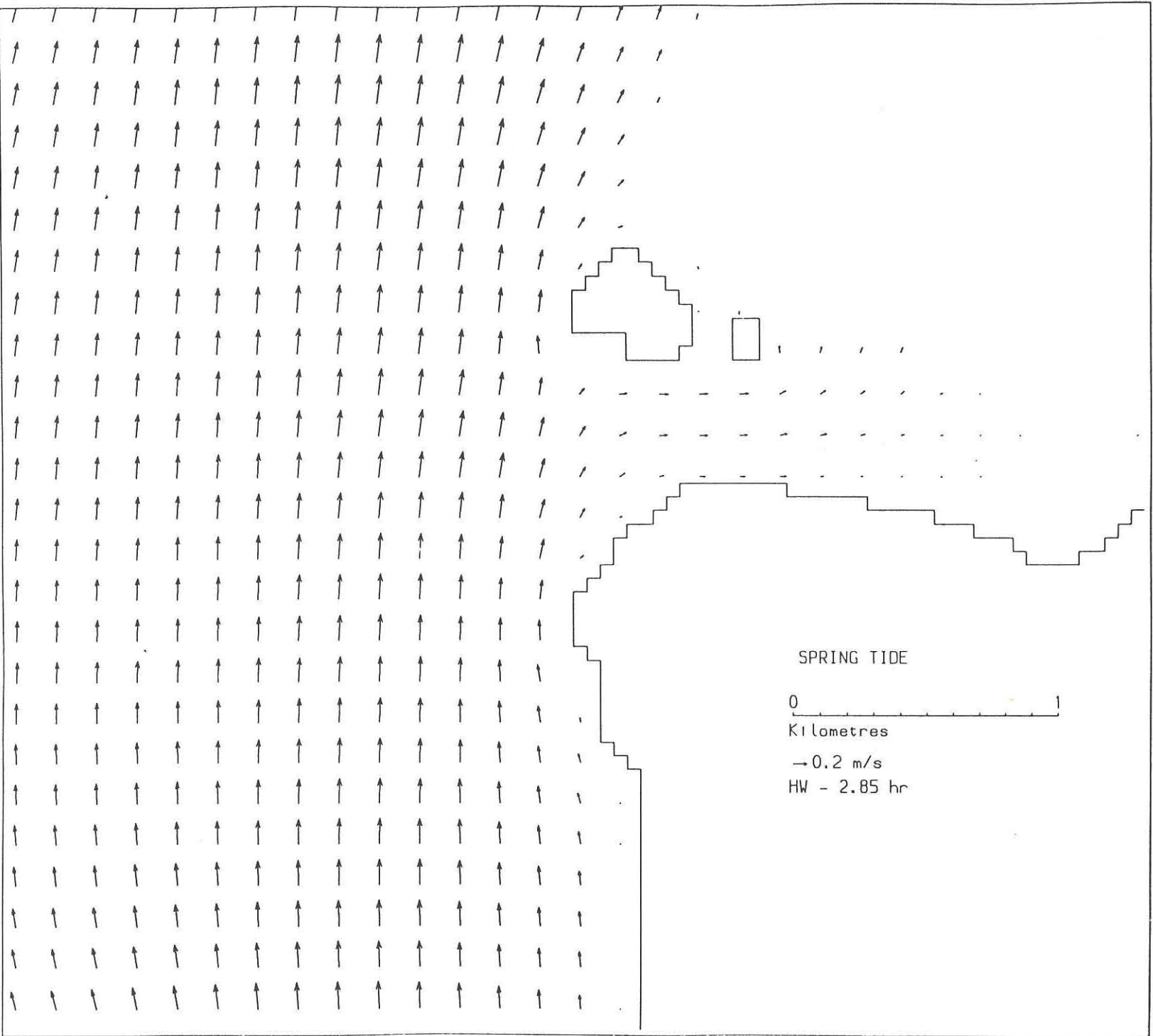


Fig 23d Green Island (50m grid) Model - Case 1
Dry season Spring Flood - Lower layer

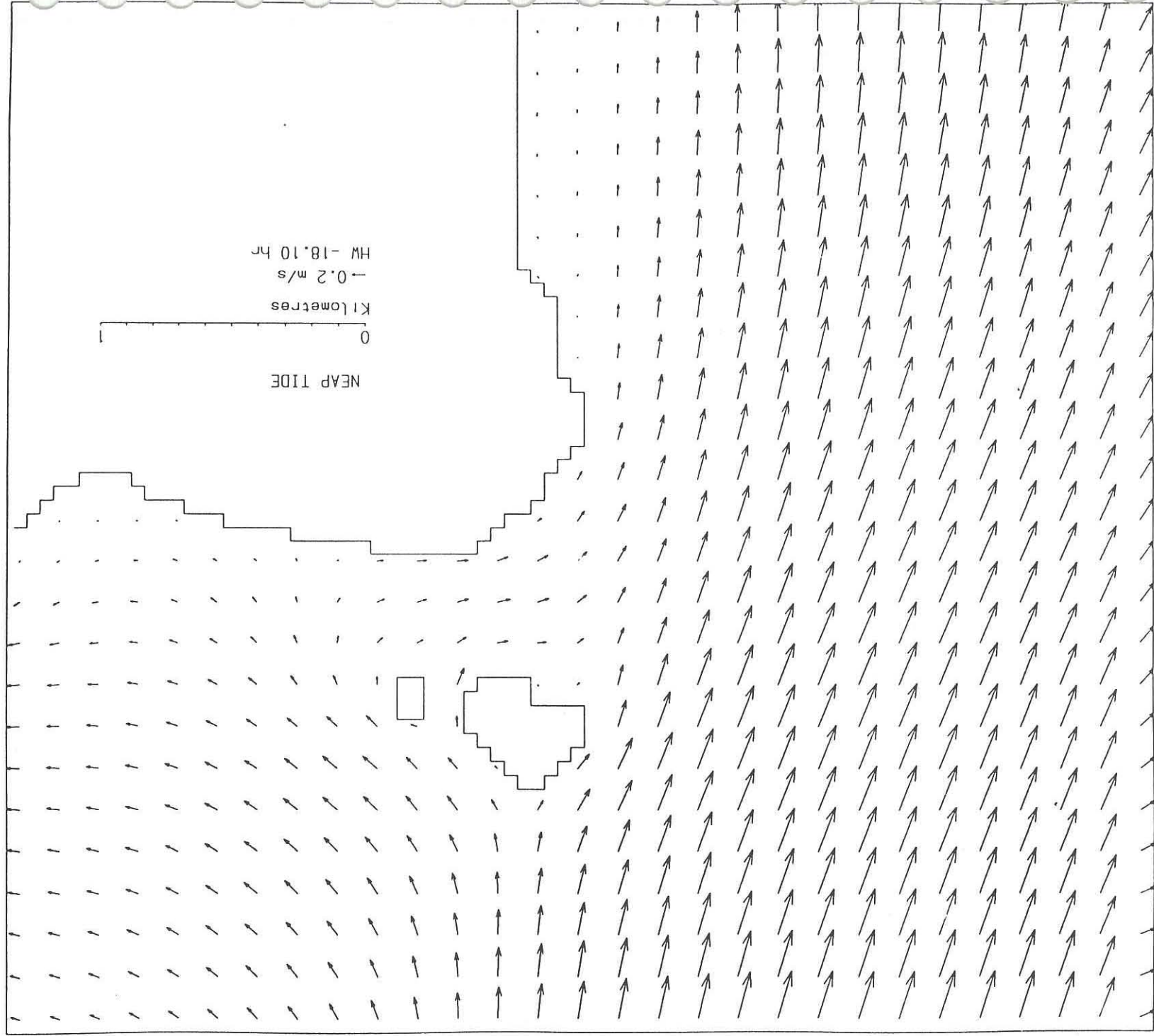


Fig 23e Green Island (50m grid) Model - Case 1
Wet season Neap Ebb - Upper layer

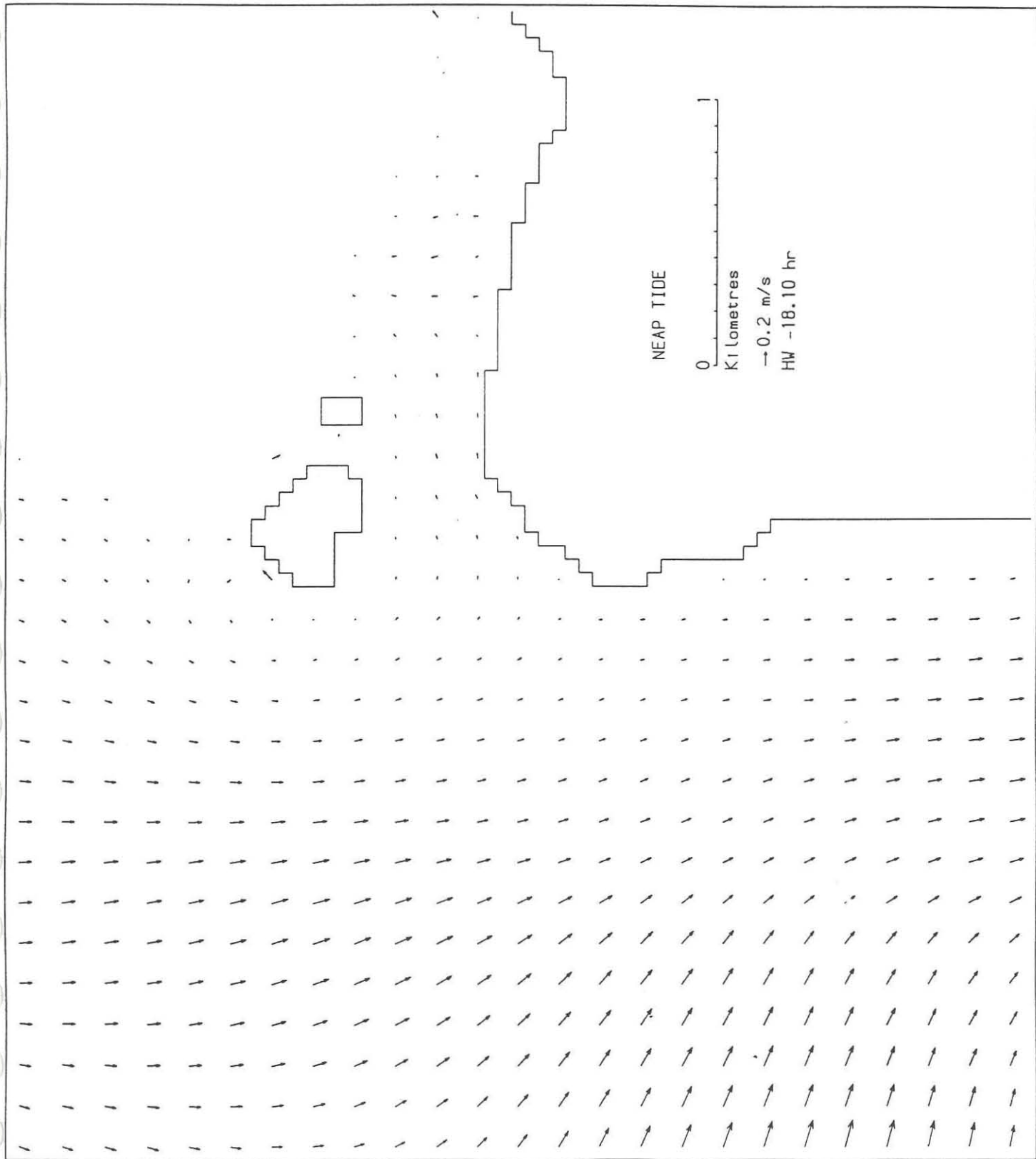


Fig 23f Green Island (50m grid) Model - Case 1
 Wet season Neap Ebb - Lower layer

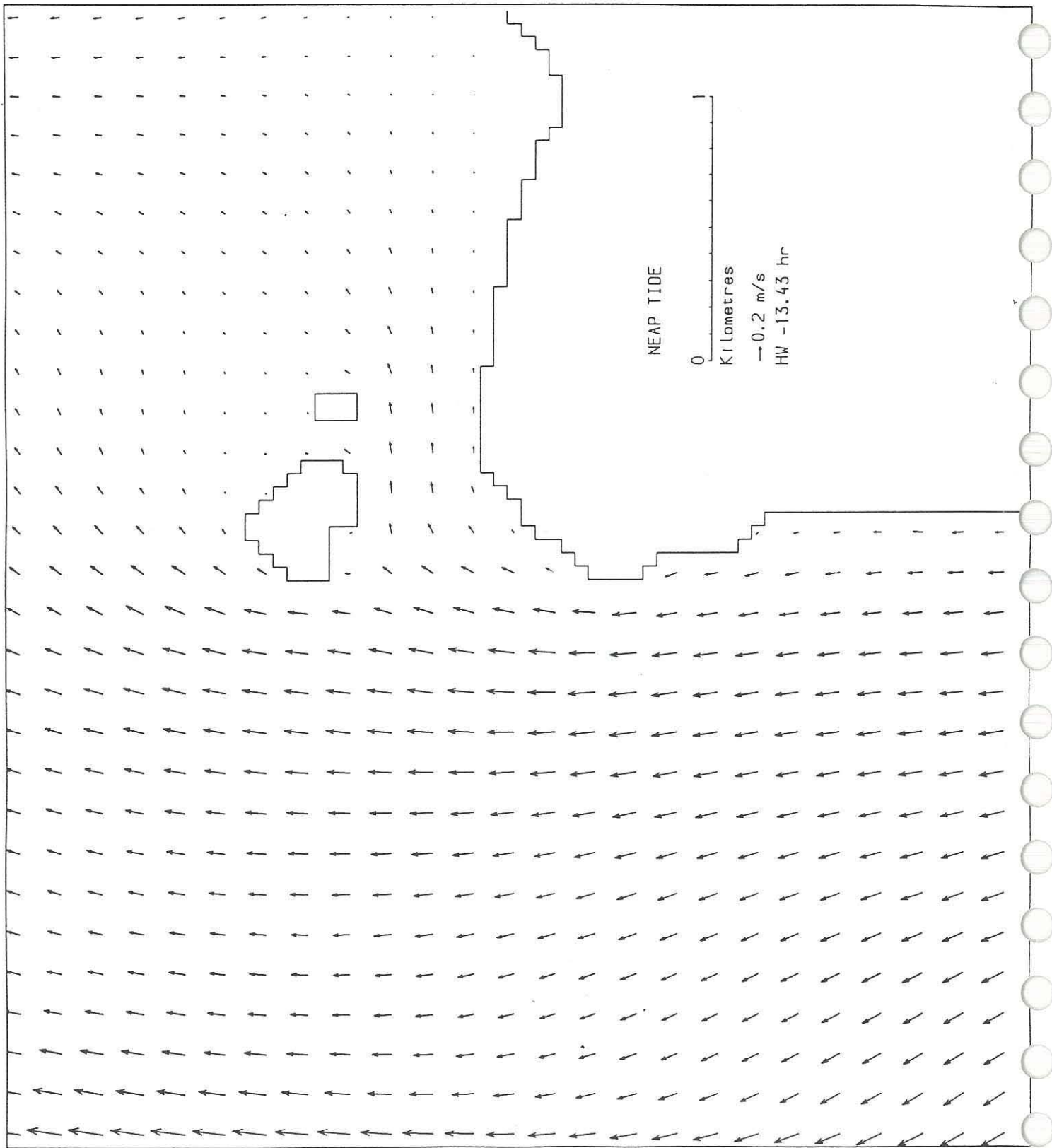


Fig 23g Green Island (50m grid) Model - Case 1
 Wet season Neap Flood - Upper layer

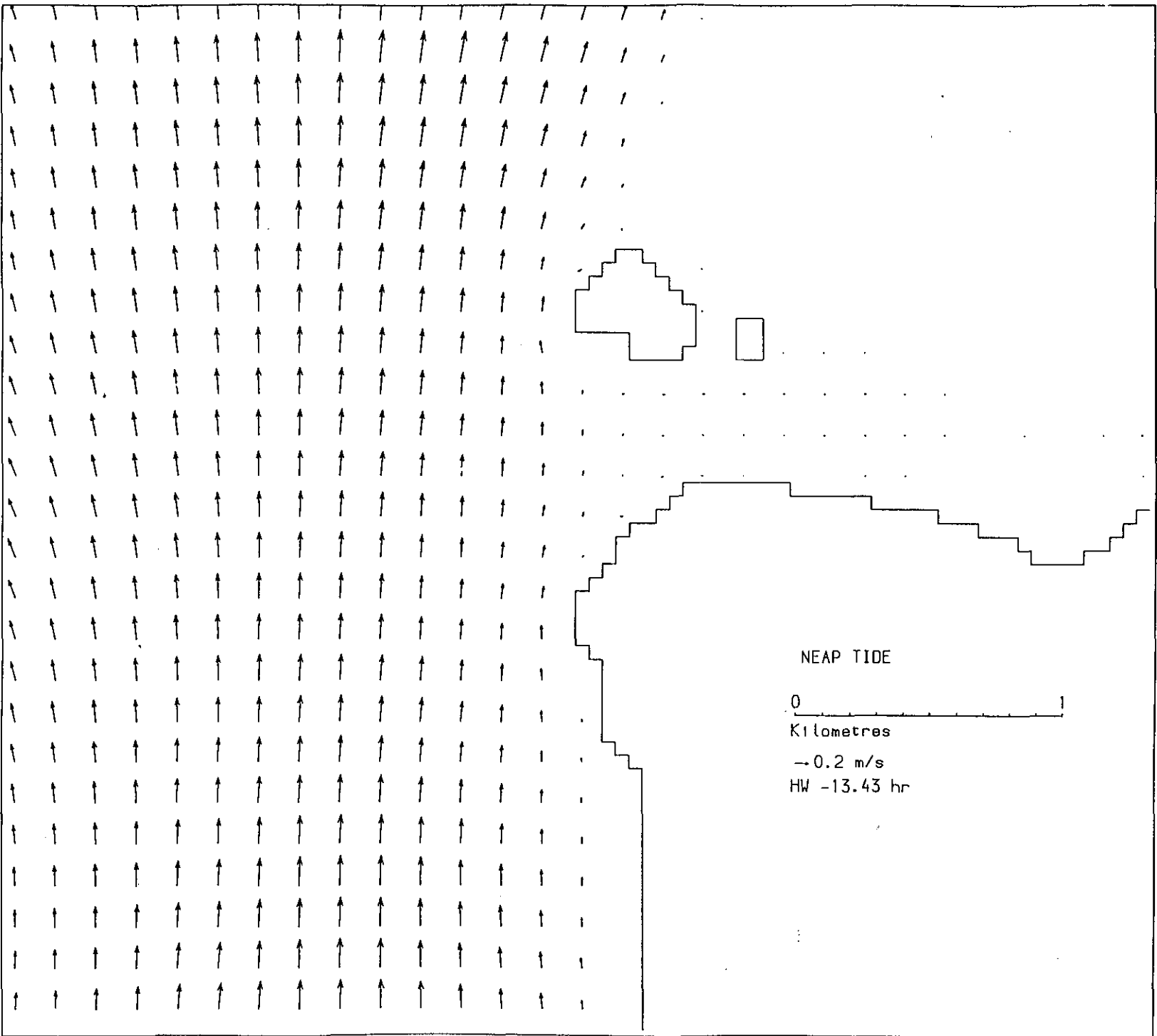


Fig 23 Green Island (50m grid) Model - Case 1
Wet season Neap Flood - Lower layer



Fig 24a Green Island (50m grid) Model - Upper
 Dry season Spring Peak Speed - Case 1

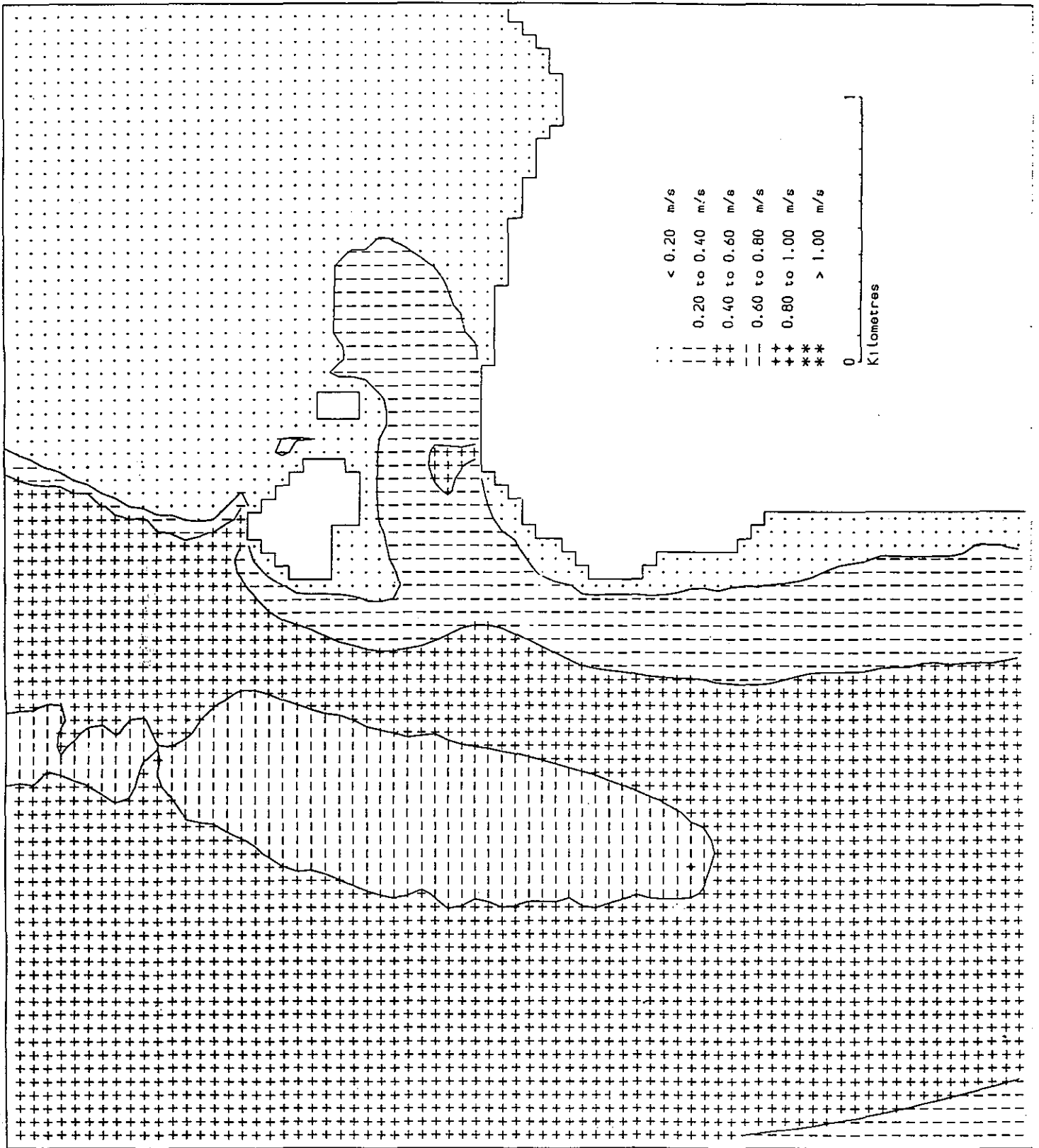


Fig 24b Green Island (50m grid) Model - Lower Dry season Spring Peak Speed - Case 1

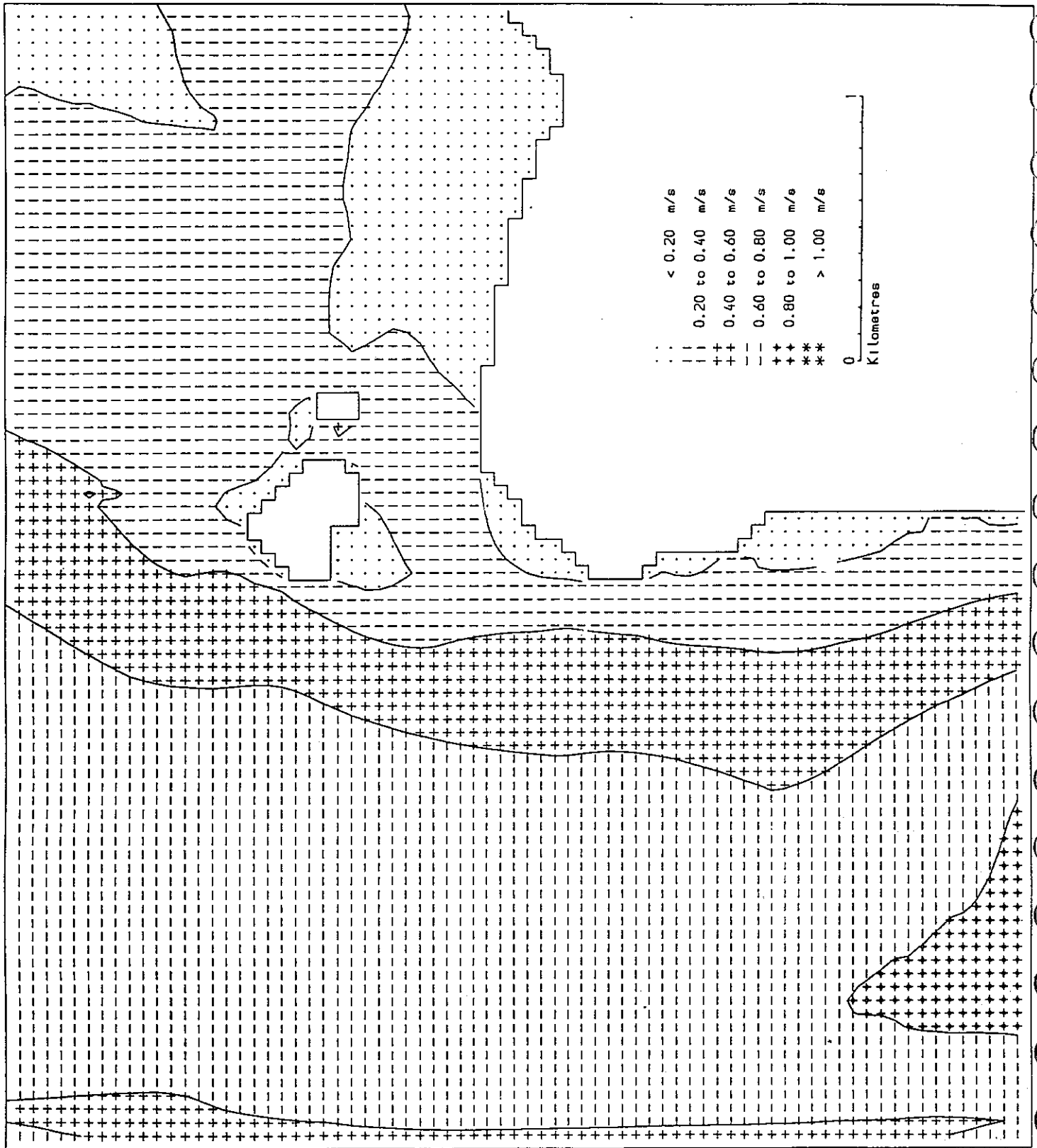


Fig 24c Green Island (50m grid) Model - Upper Wet season Neap Peak Speed - Case 1

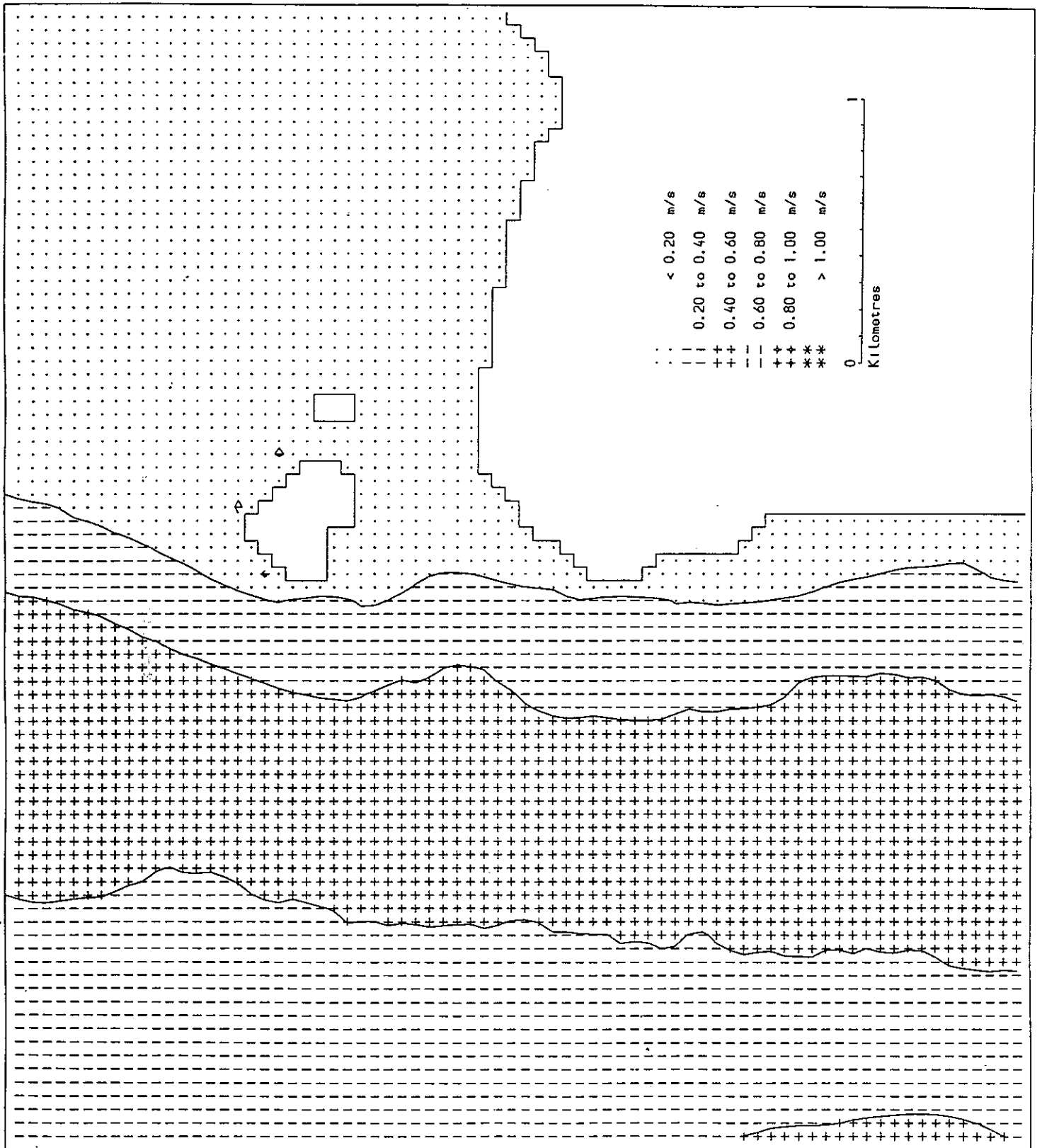


Fig 24d Green Island (50m grid) Model - Lower
 Wet season Neap Peak Speed - Case 1

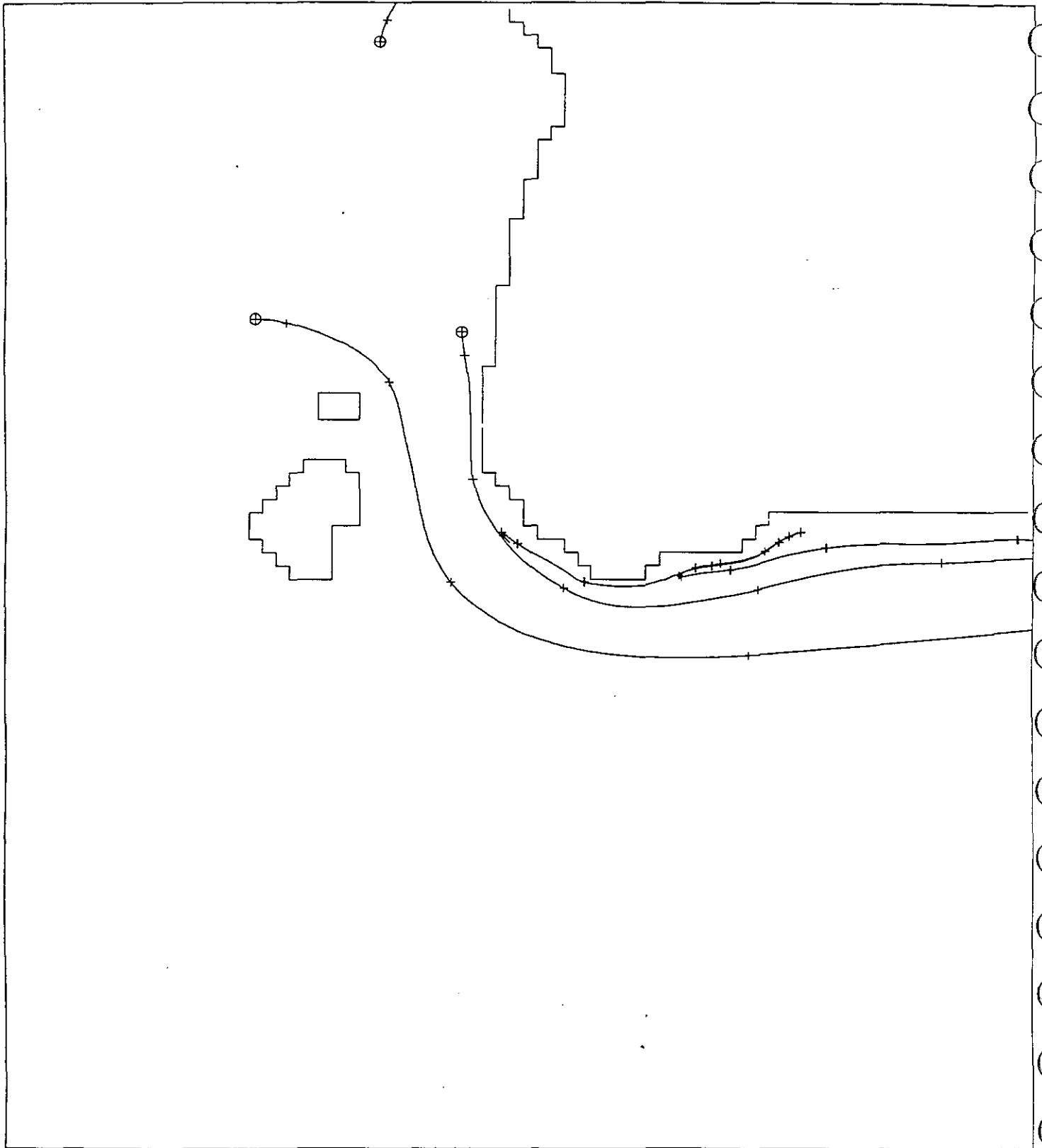


Fig 25a Green Island (50m grid) Model - Case 1
Dry season Spring tide - Released at HHW

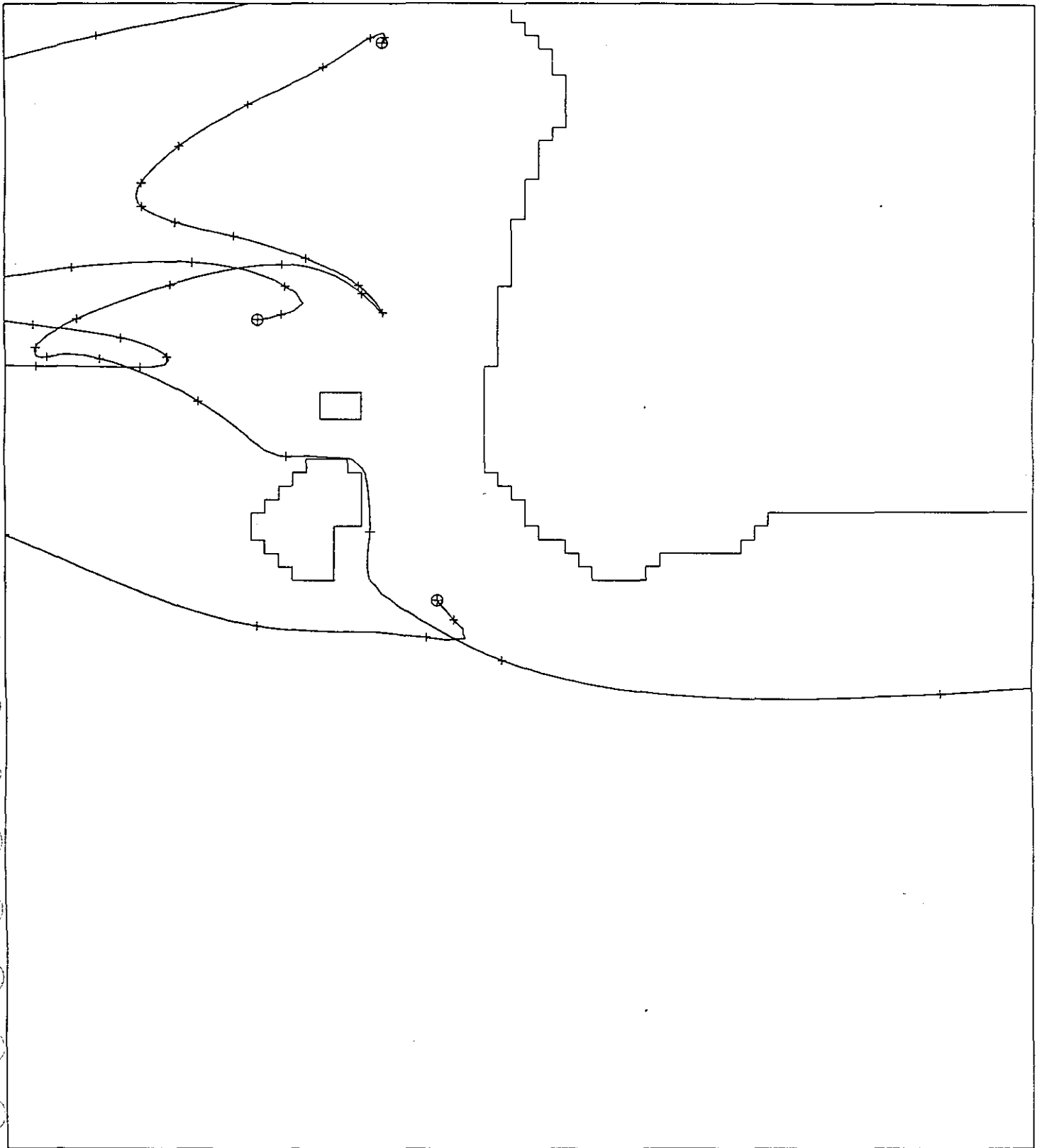


Fig 25b Green Island (50m grid) Model - Case 1
Dry season Spring tide - Released at LLW

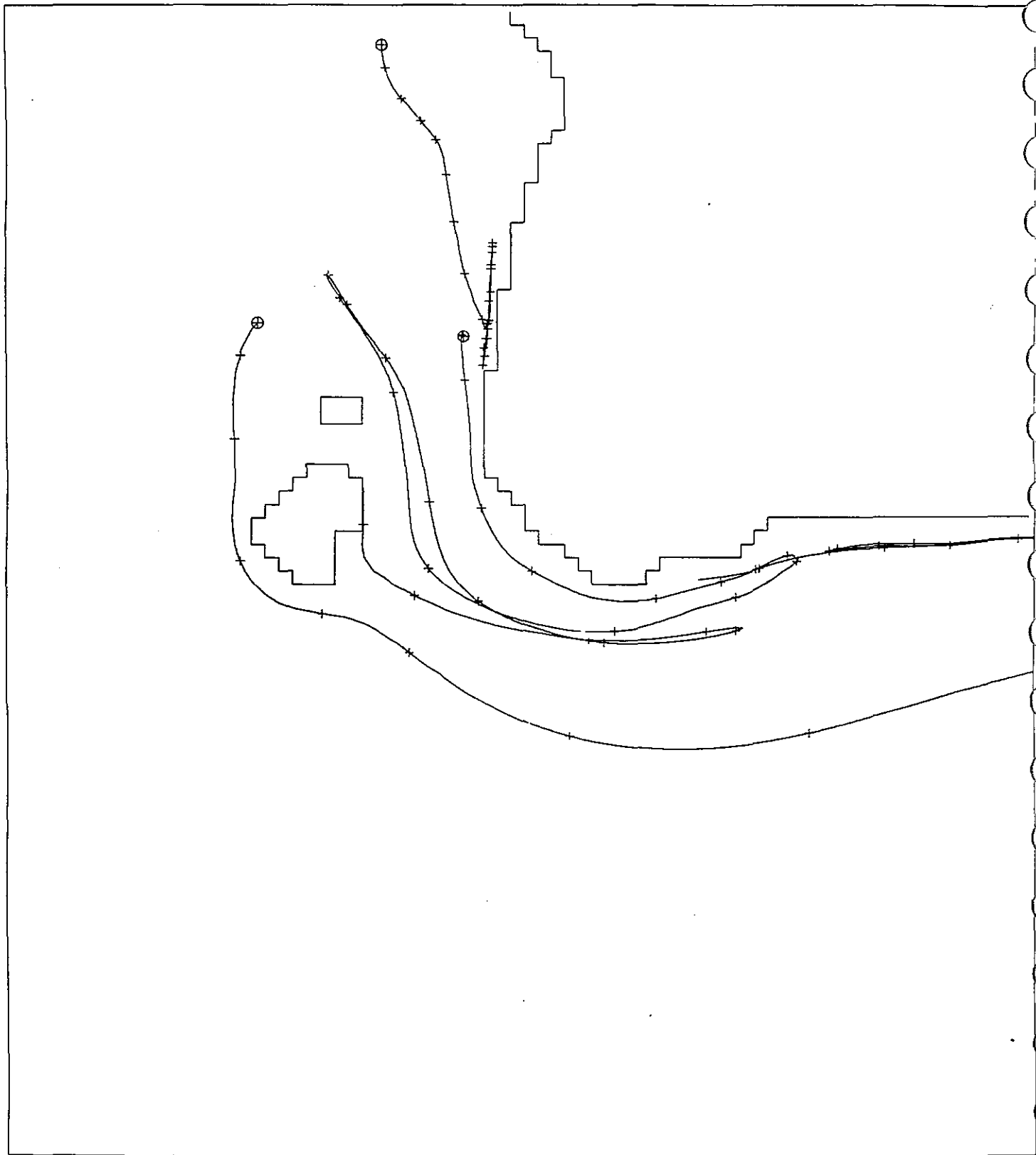


Fig 25c Green Island (50m grid) Model - Case 1
Wet season Neap tide - Released at HHW

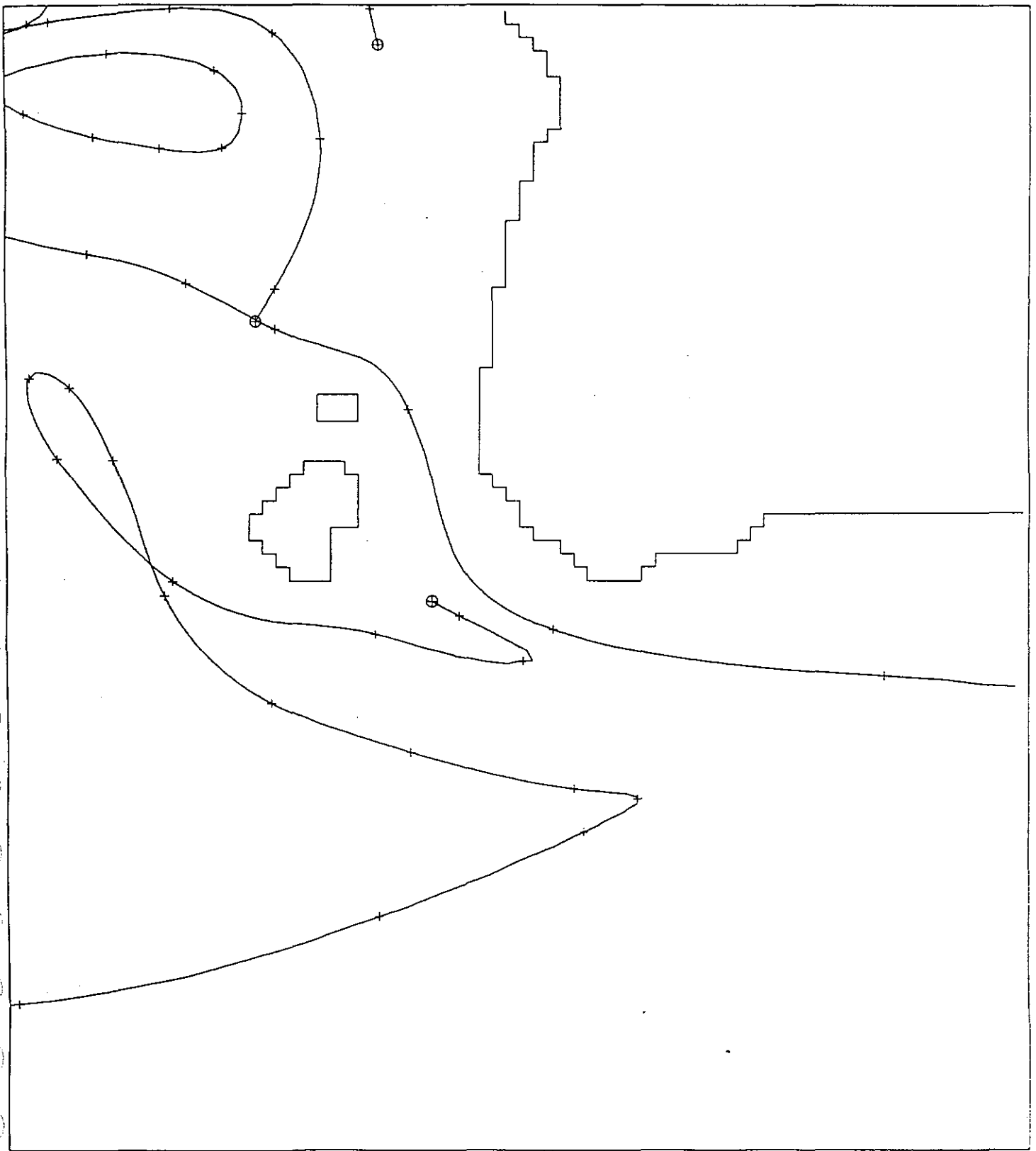
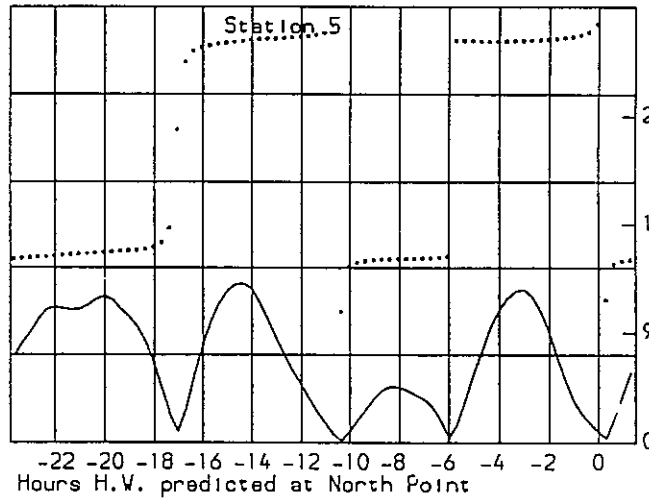
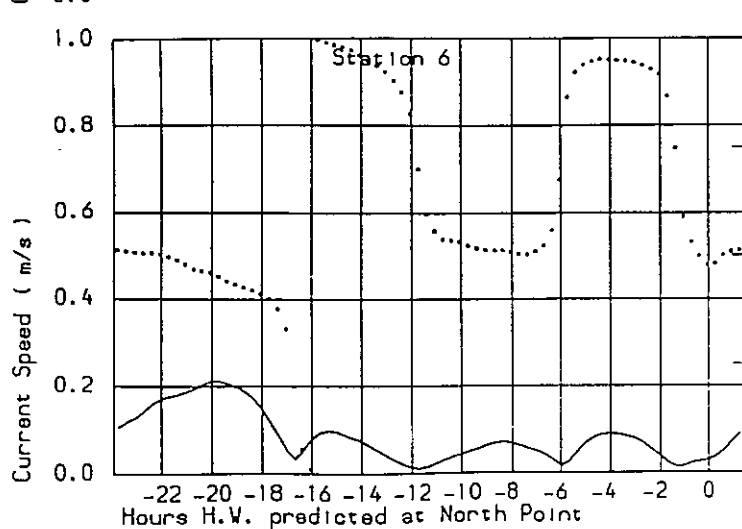
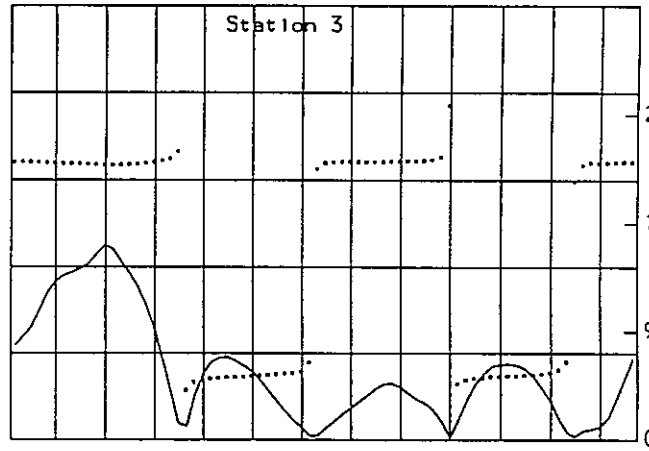
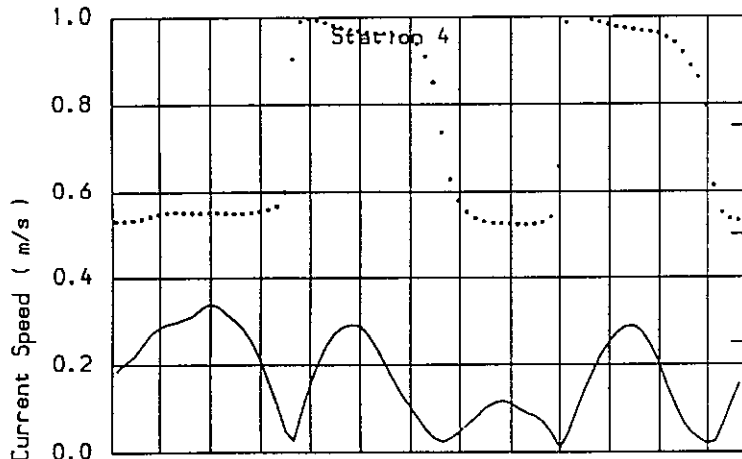
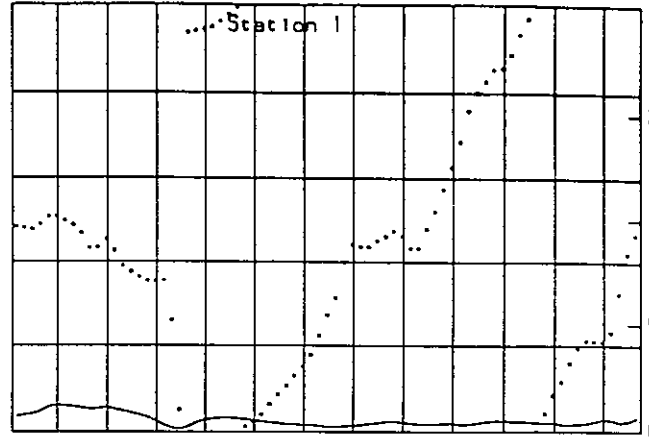
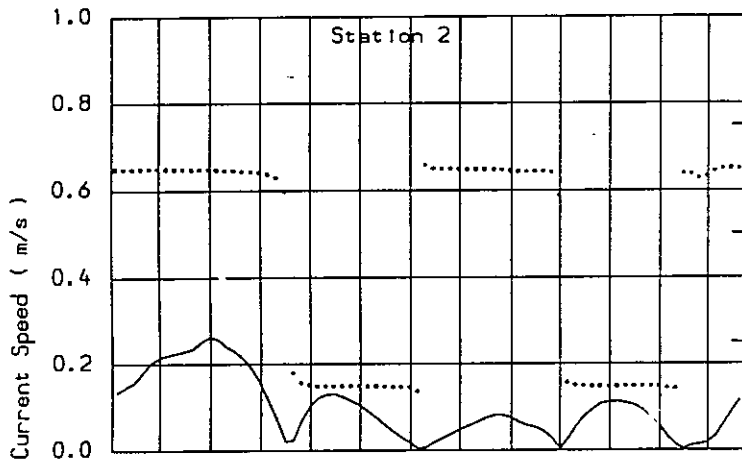
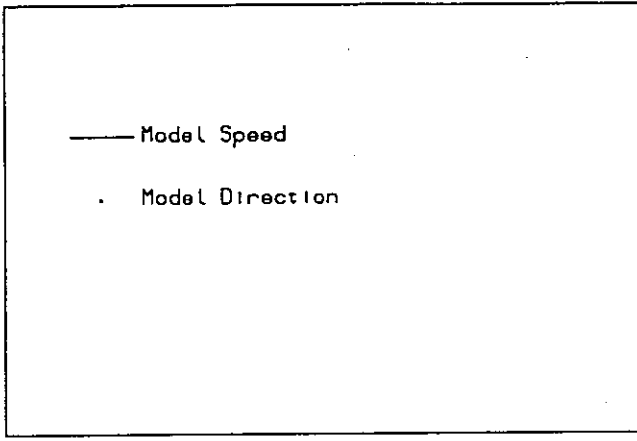


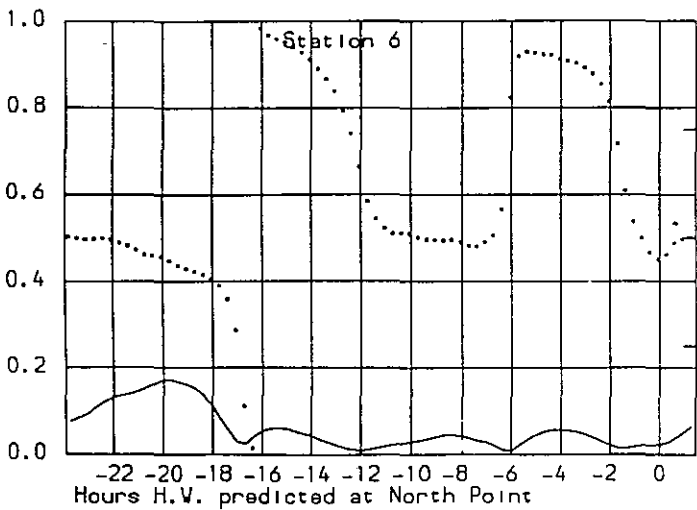
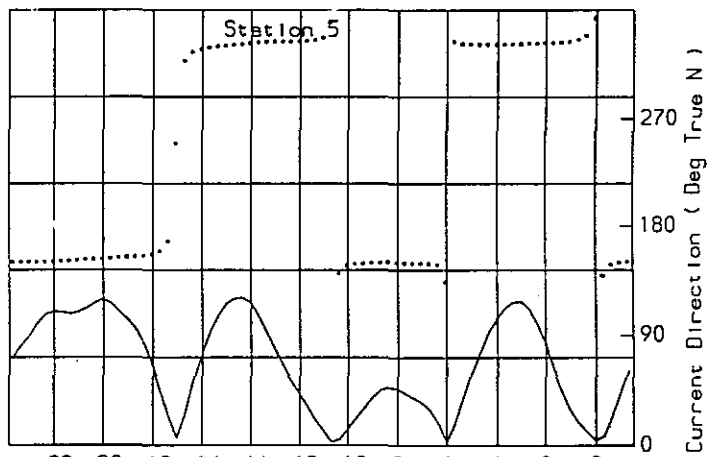
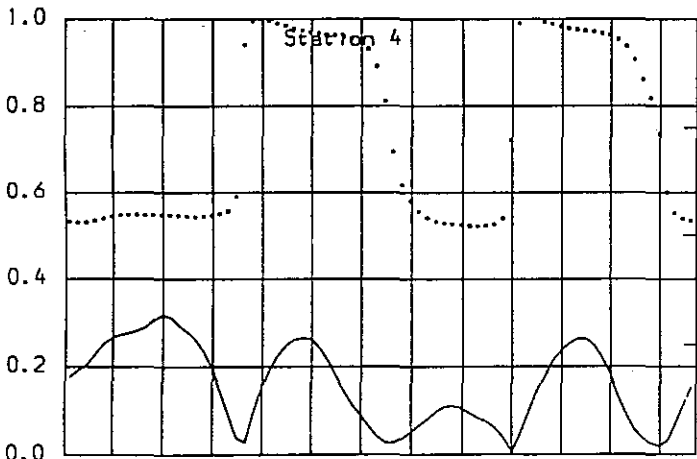
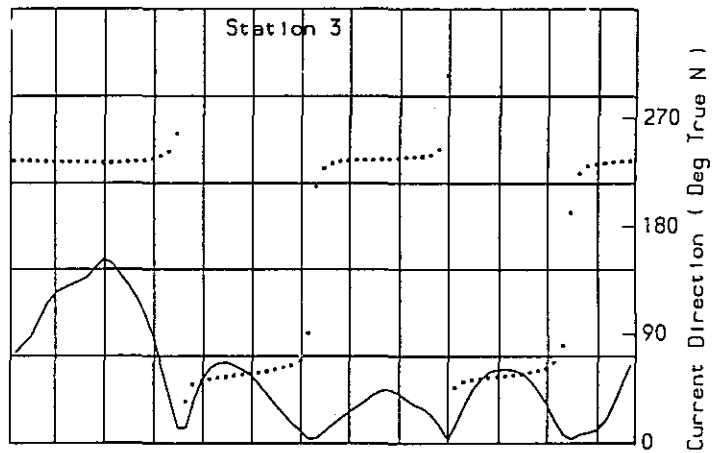
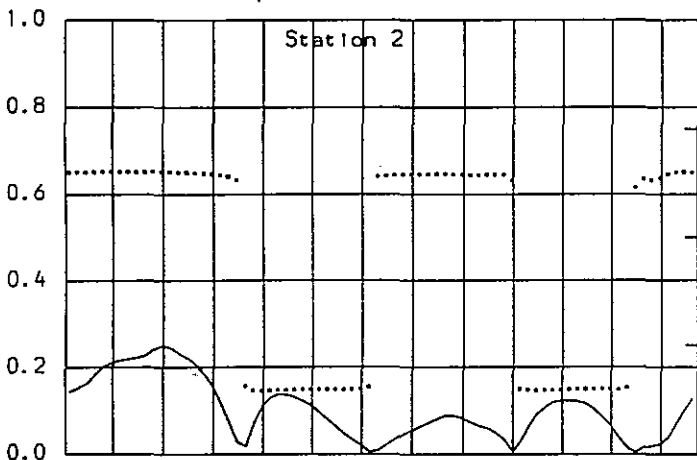
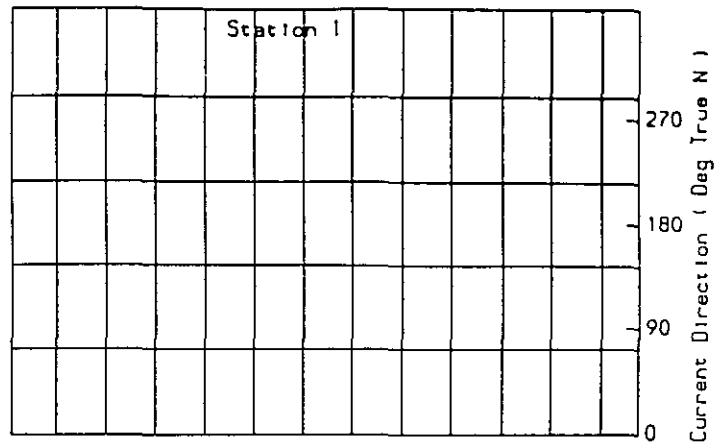
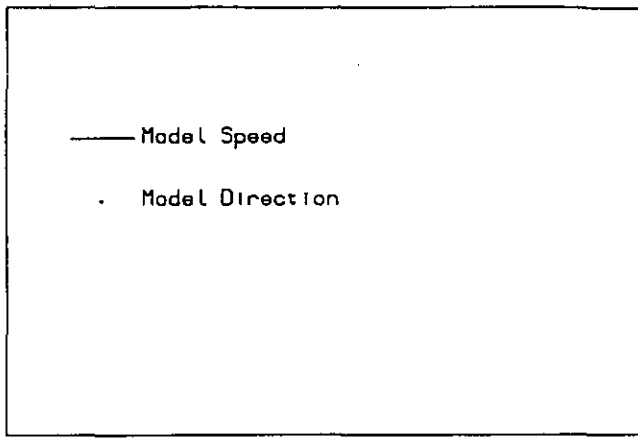
Fig 25d Green Island (50m grid) Model - Case 1
Wet season Neap tide - Released at LLW



Hours H.W. predicted at North Point

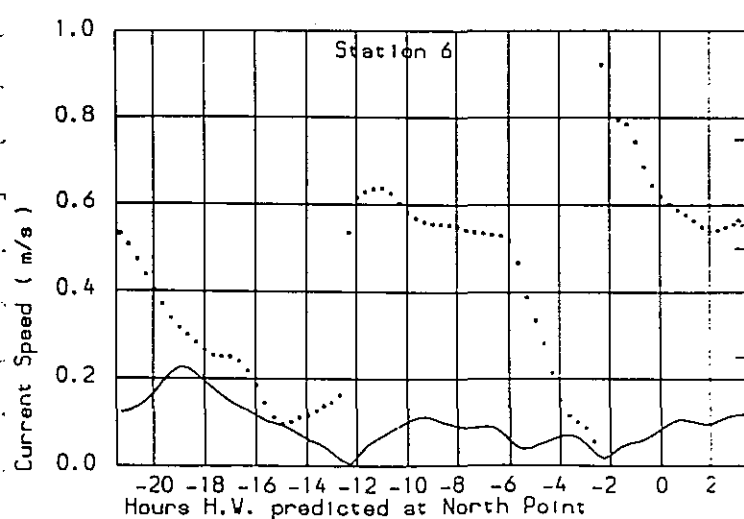
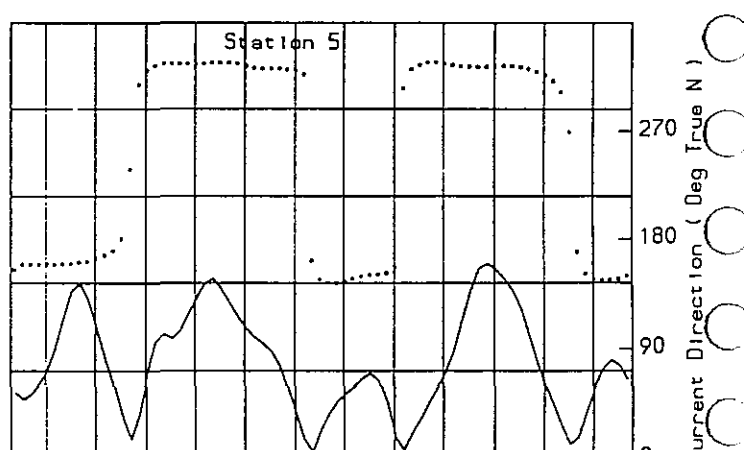
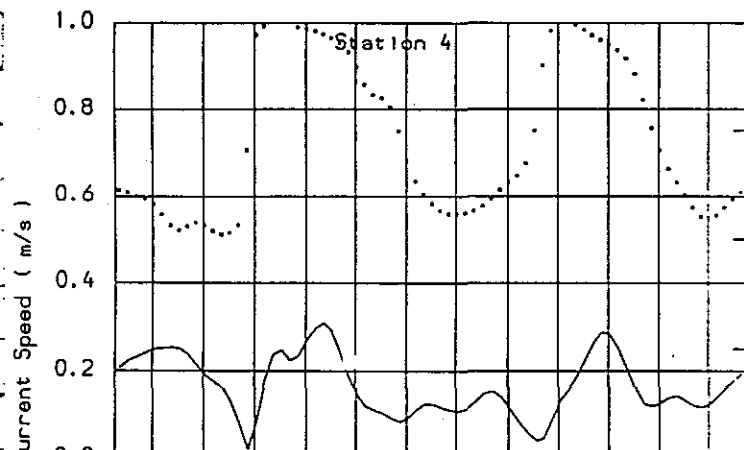
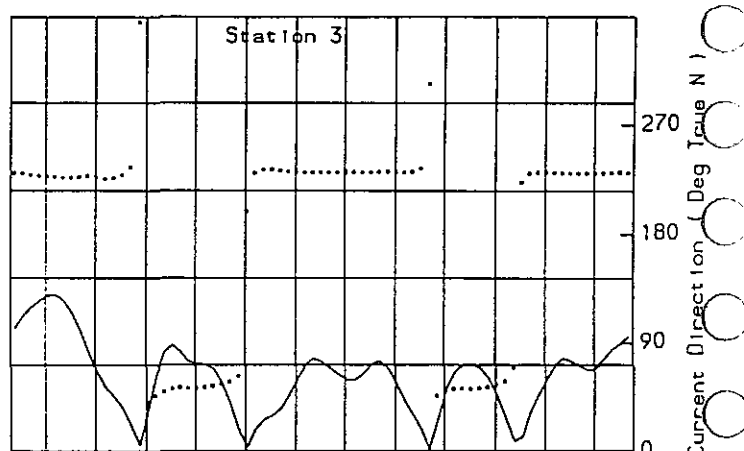
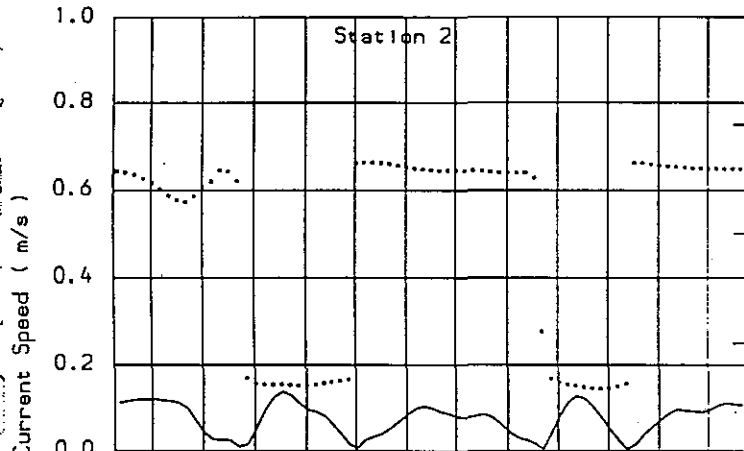
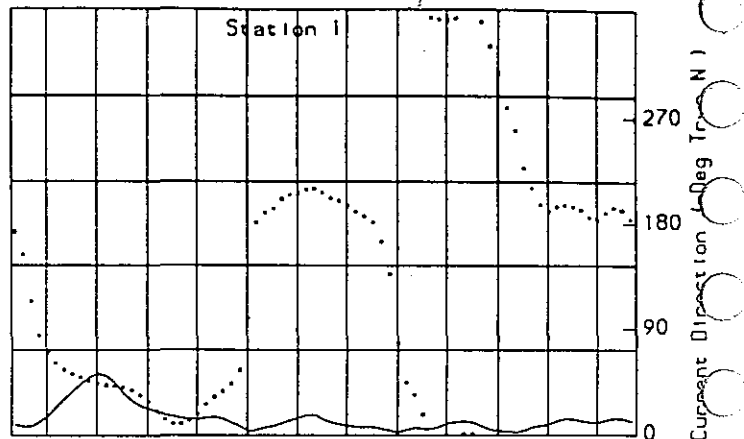
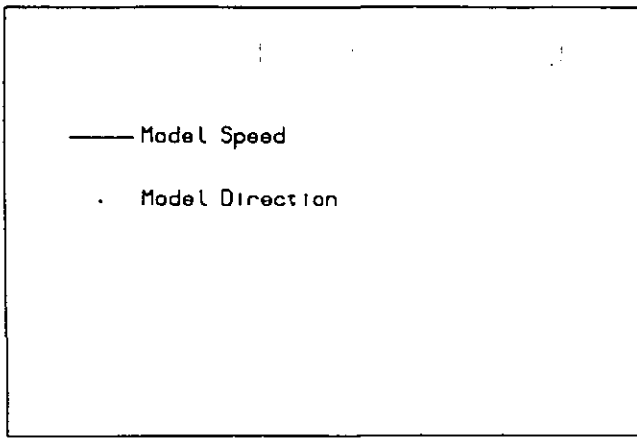
Hours H.W. predicted at North Point

Fig 26a Green Island (50m grid) Model - Case 2
 Dry season Spring tide - Upper layer



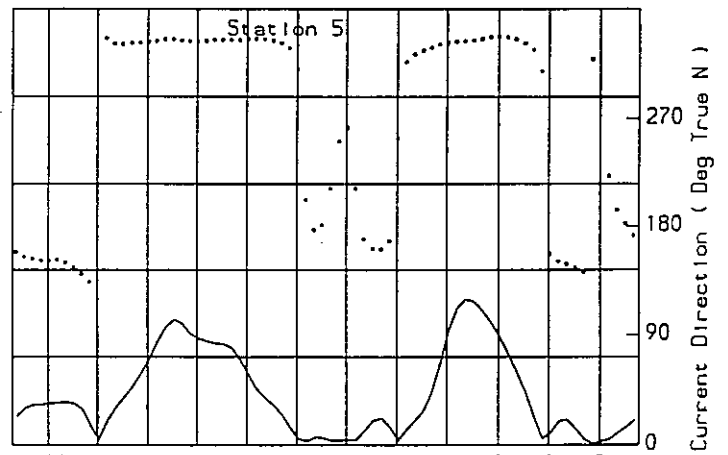
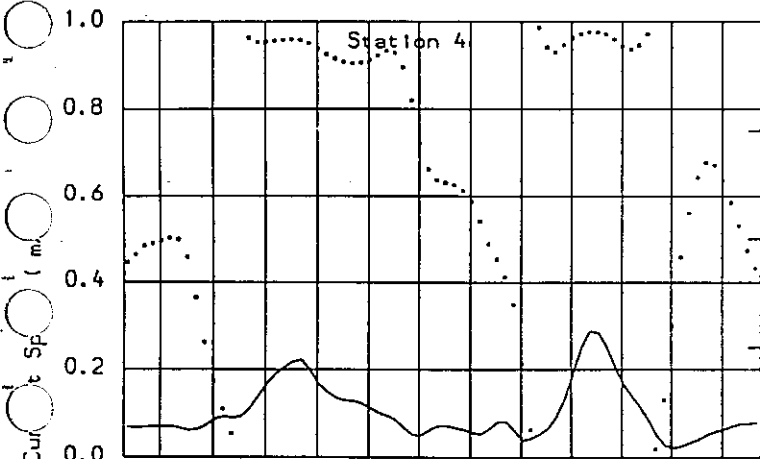
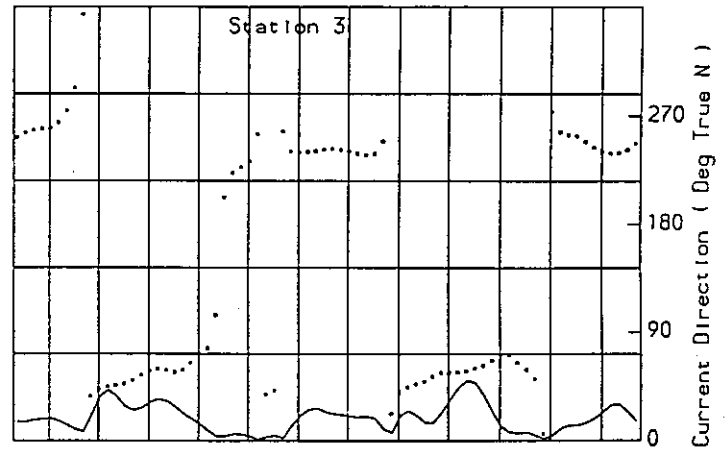
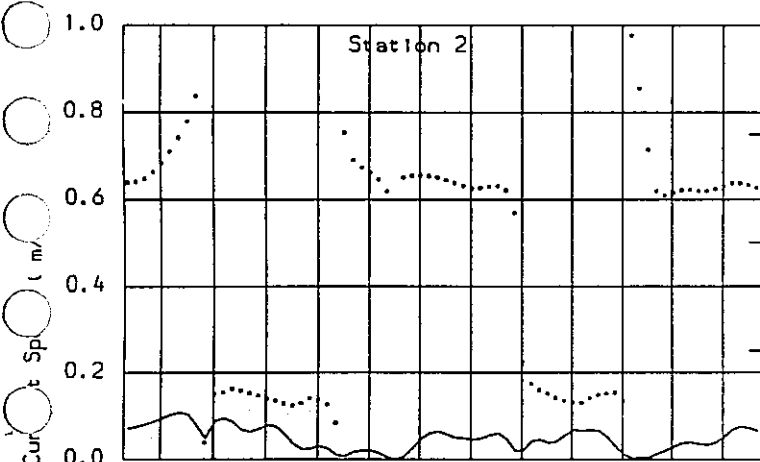
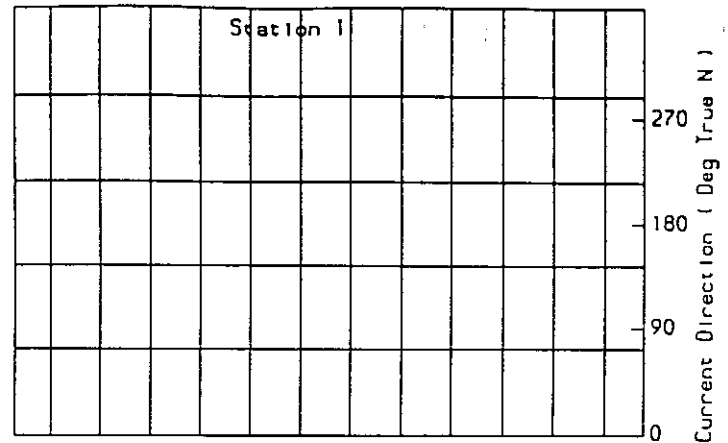
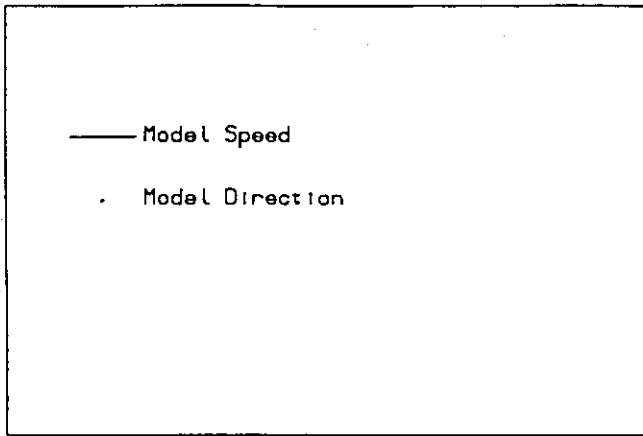
-22 -20 -18 -16 -14 -12 -10 -8 -6 -4 -2 0
Hours H.V. predicted at North Point

Fig 26b Green Island (50m grid) Model - Case 2
 Dry season Spring tide - Lower layer

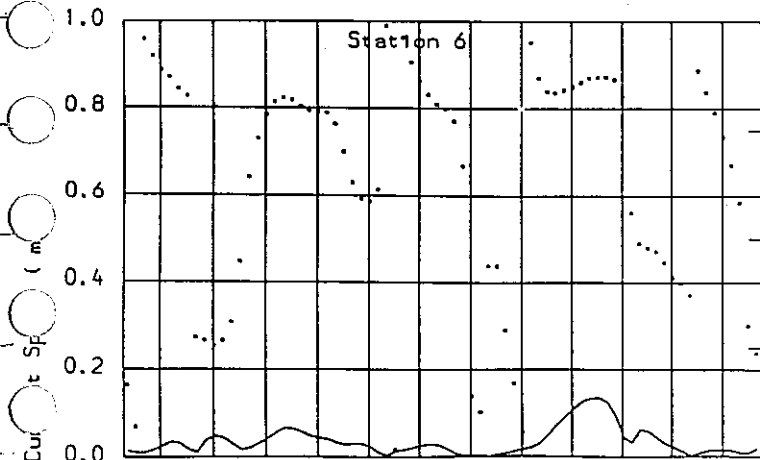


-20 -18 -16 -14 -12 -10 -8 -6 -4 -2 0 2
 Hours H.V. predicted at North Point

Fig 26c Green Island (50m grid) Model - Case 2
 Wet season Neap tide - Upper layer



-20 -18 -16 -14 -12 -10 -8 -6 -4 -2 0 2
 Hours H.W. predicted at North Point



-20 -18 -16 -14 -12 -10 -8 -6 -4 -2 0 2
 Hours H.W. predicted at North Point

Fig 26d Green Island (50m grid) Model - Case 2
 Wet season Neap tide - Lower layer

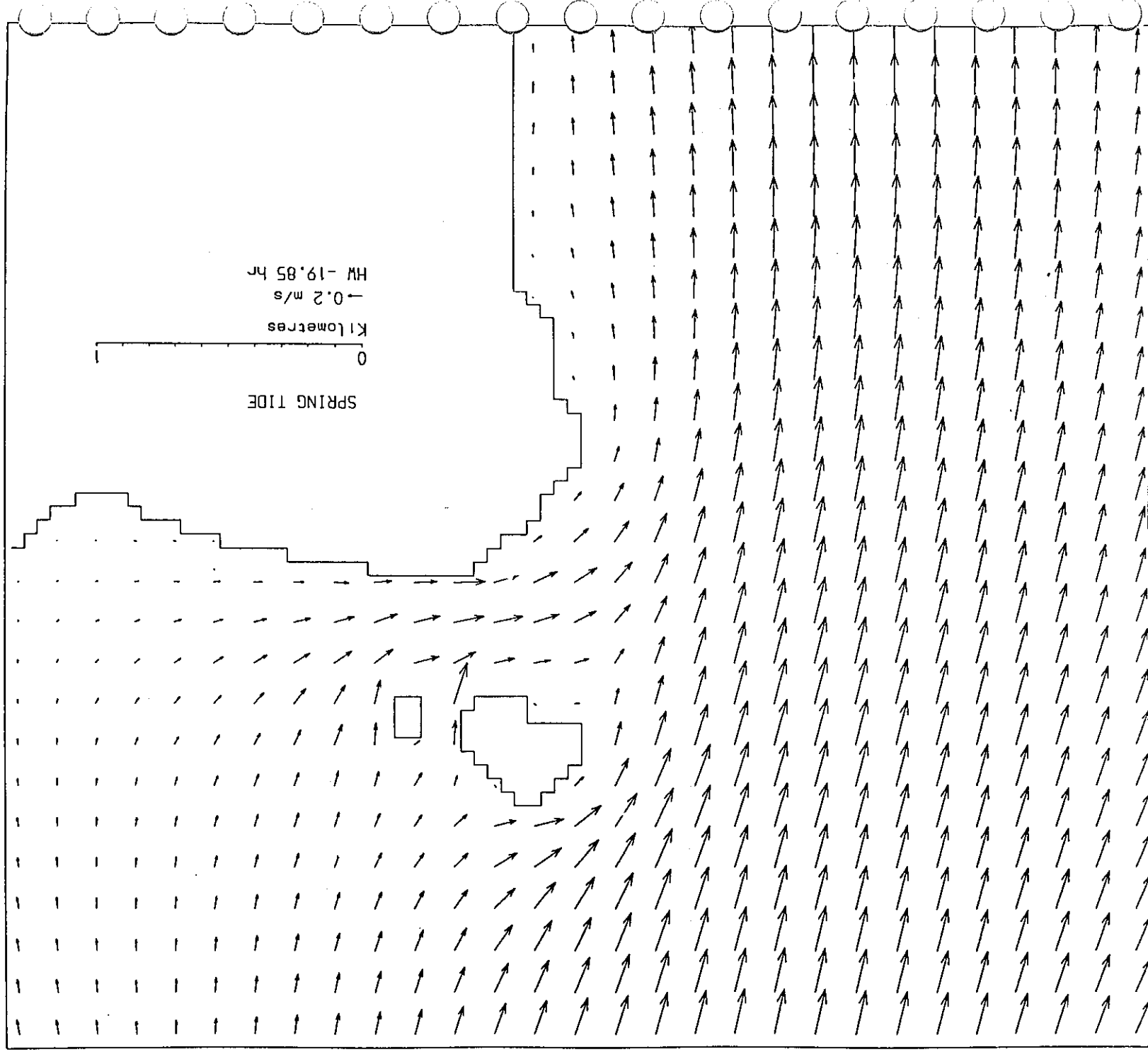


Fig 27a Green Island (50m grid) Model - Case 2
Dry season Spring Ebb - Upper layer

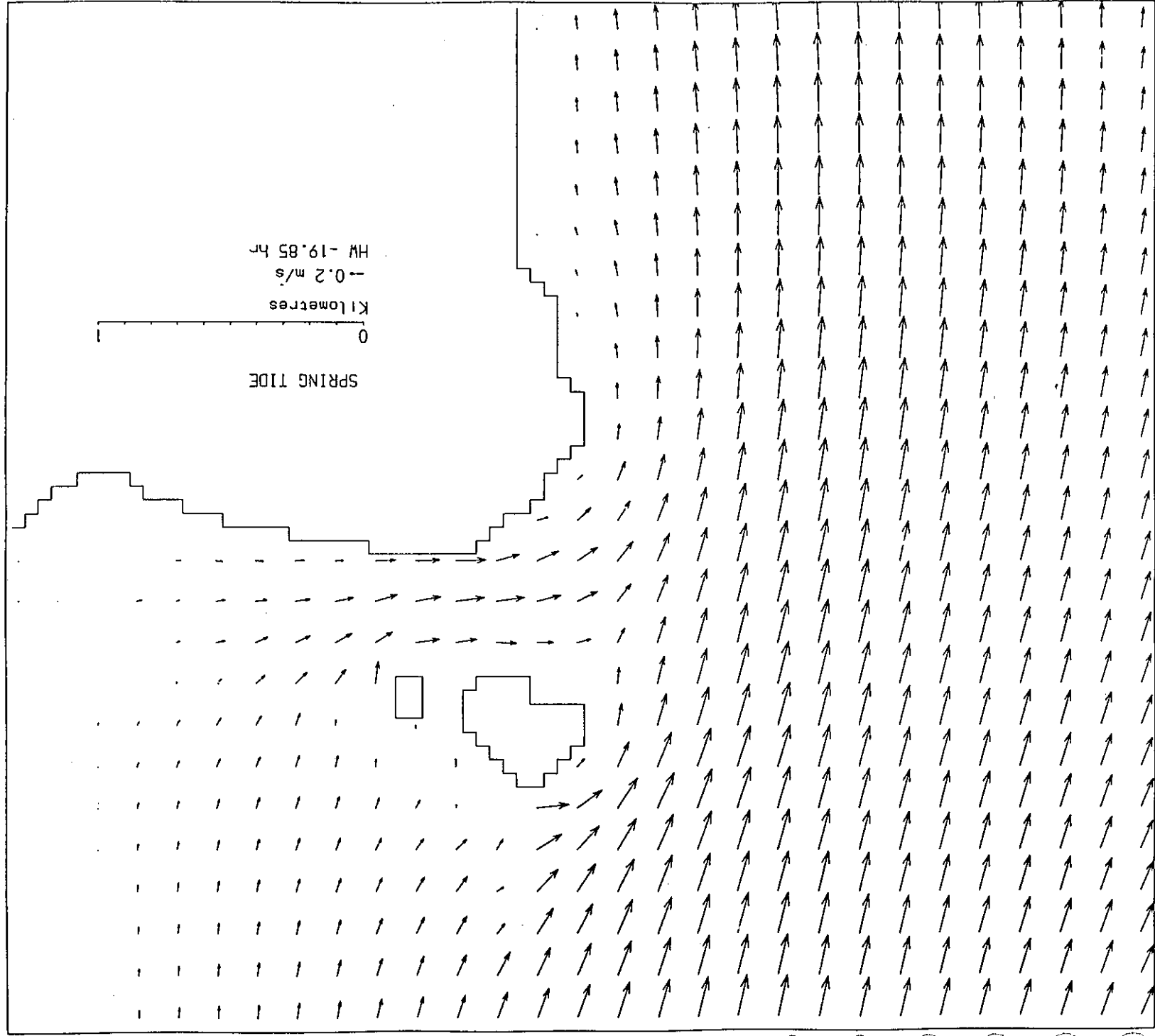


Fig 27b Green Island (50m grid) Model - Case 2
Dry season Spring Ebb - Lower layer

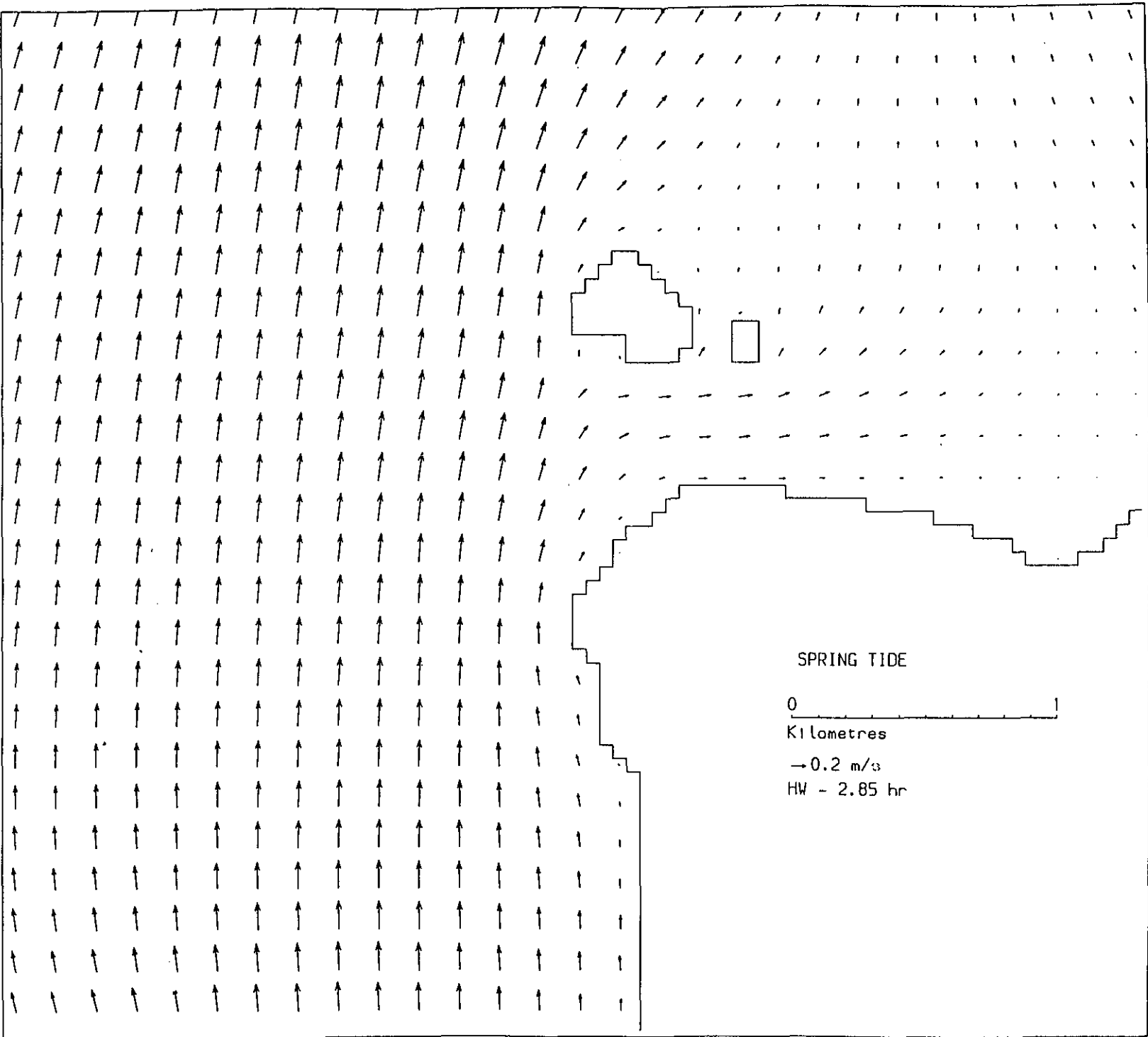


Fig 27c Green Island (50m grid) Model - Case 2
Dry season Spring Flood - Upper layer

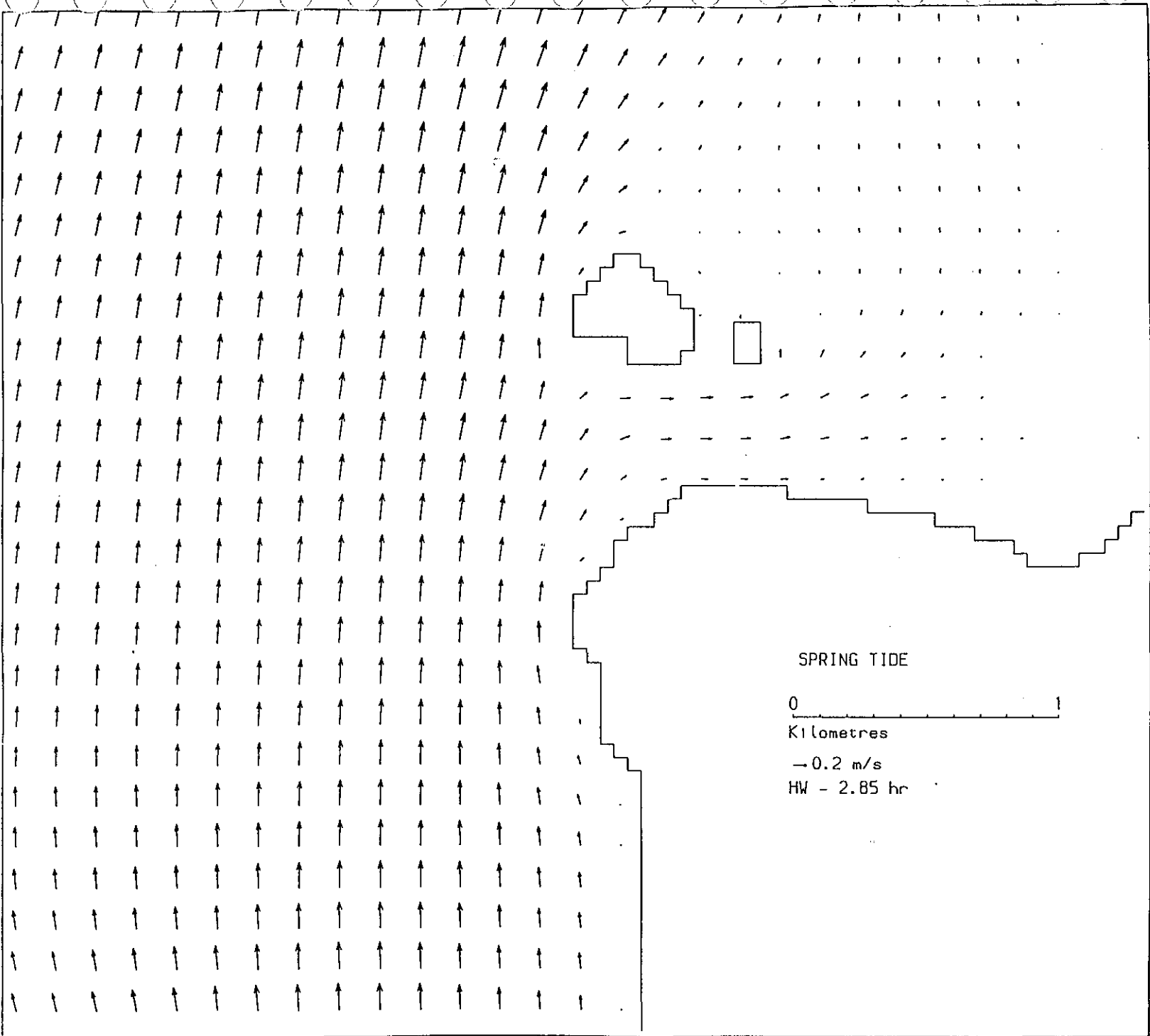


Fig 21d Green Island (50m grid) Model - Case 2
Dry season Spring Flood - Lower layer

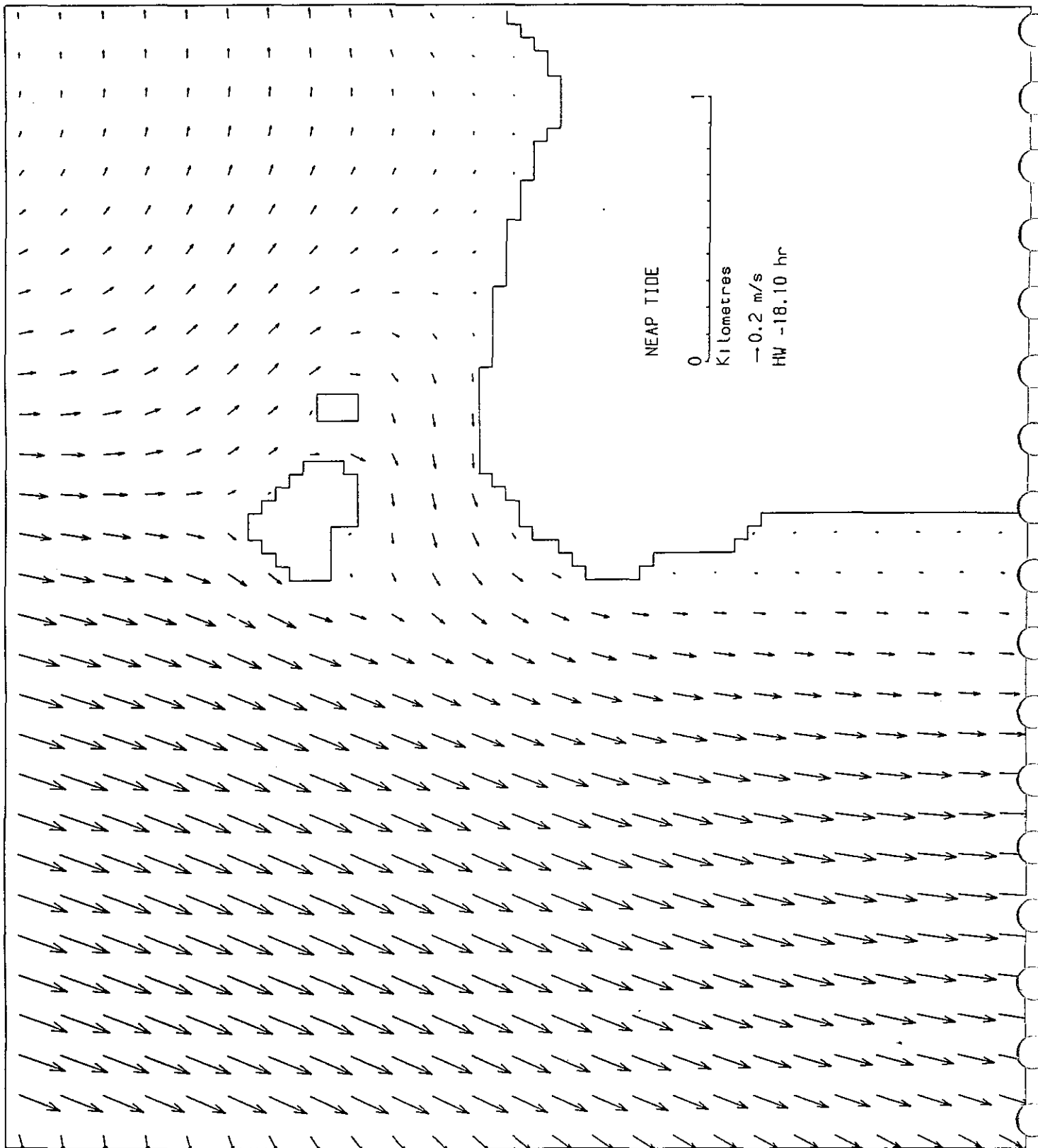


Fig 27e Green Island (50m grid) Model - Case 2
Wet season Neap Ebb - Upper layer

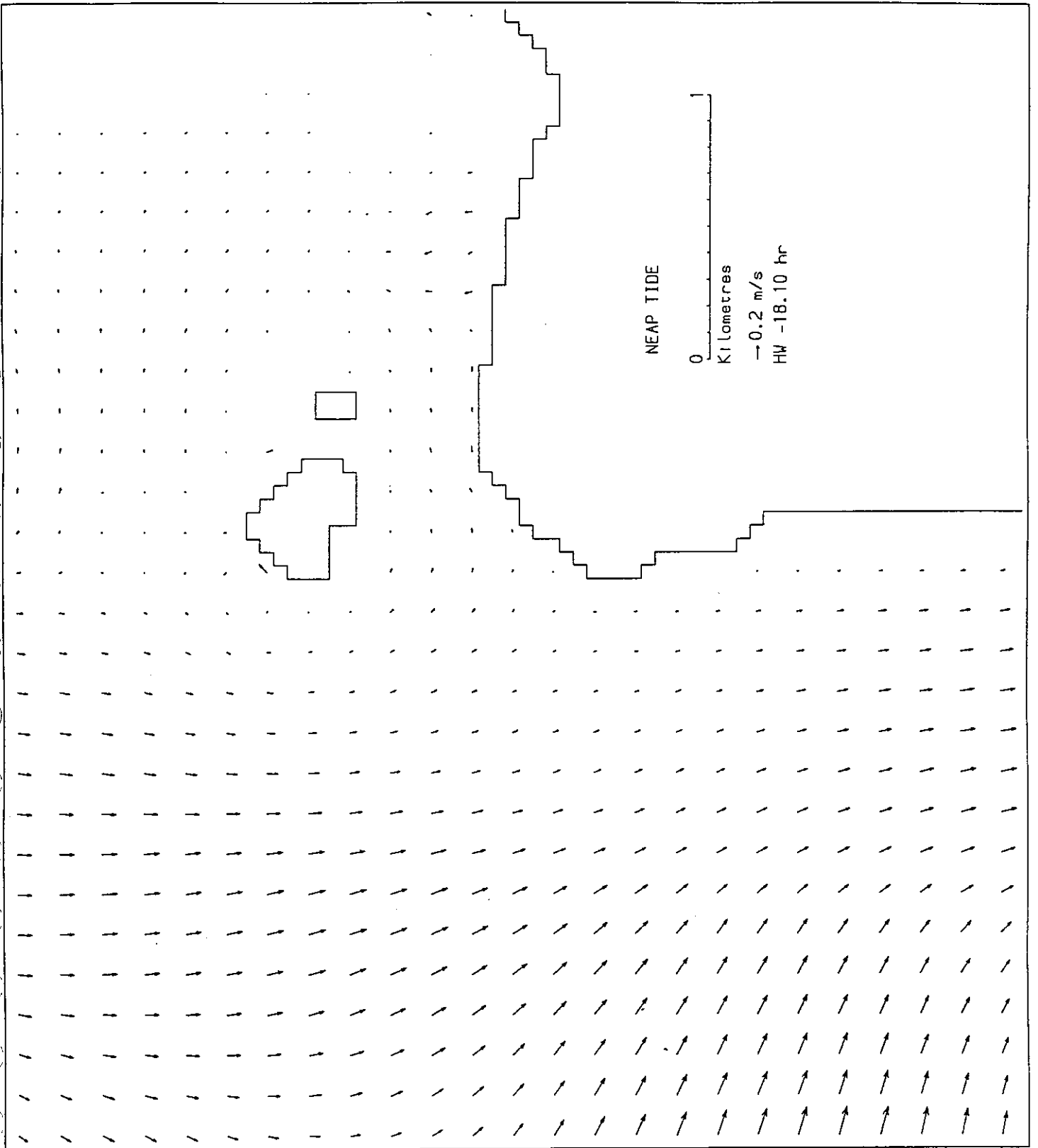


Fig 27f Green Island (50m grid) Model - Case 2
Wet season Neap Ebb - Lower layer

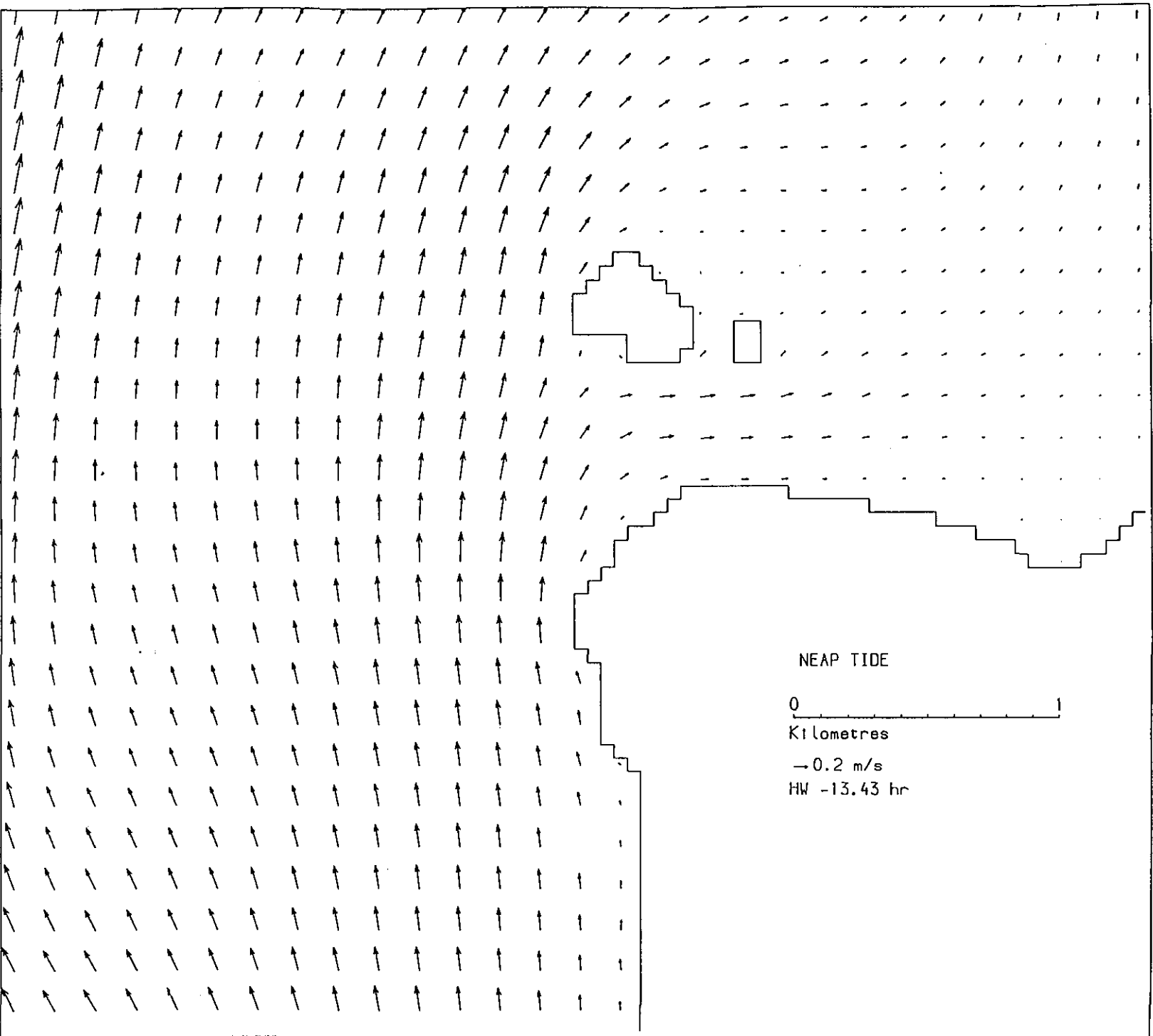


Fig 219 Green Island (50m grid) Model - Case 2
Wet season Neap Flood - Upper layer

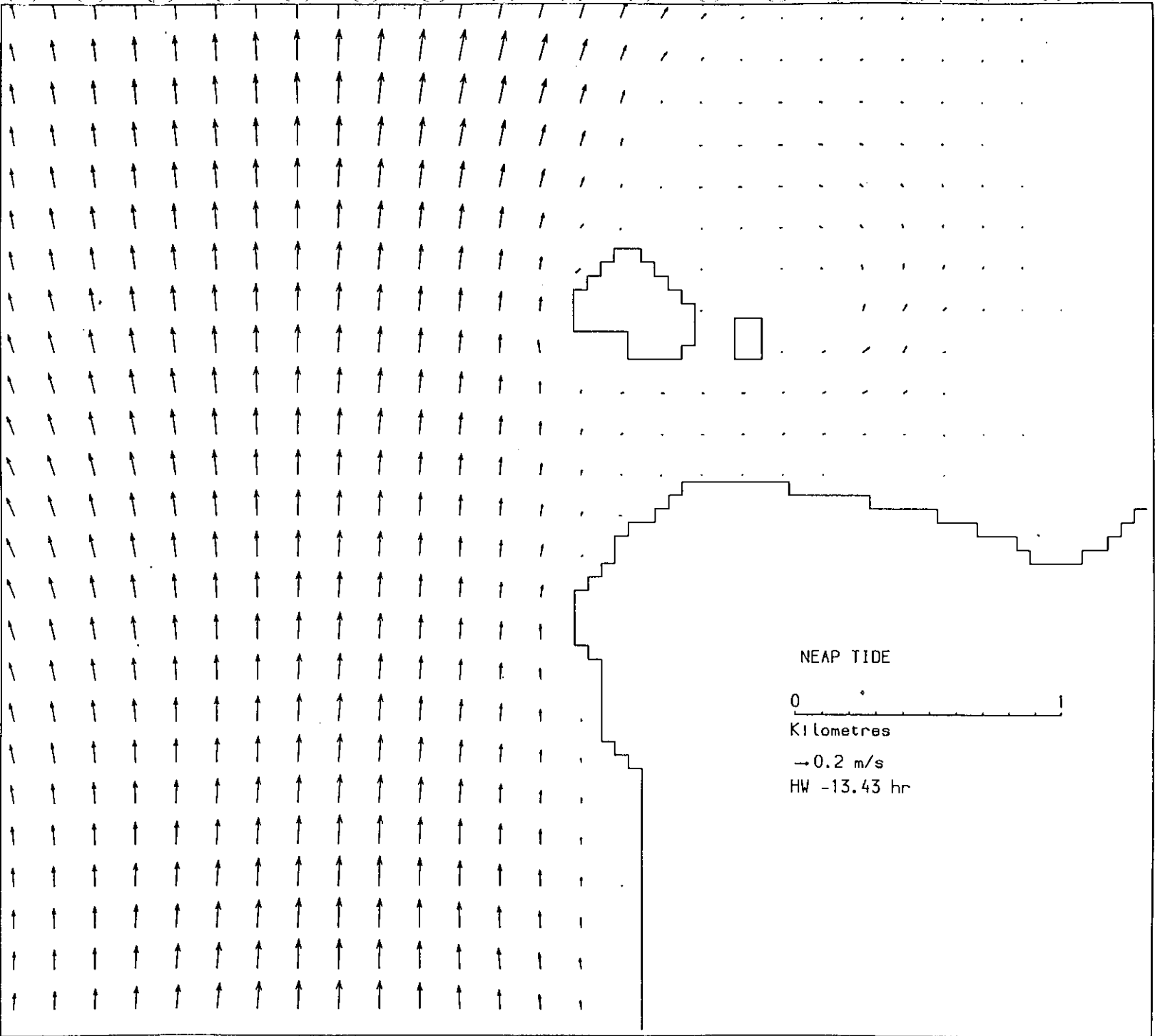


Fig 27k Green Island (50m grid) Model - Case 2
Wet season Neap Flood - Lower Layer

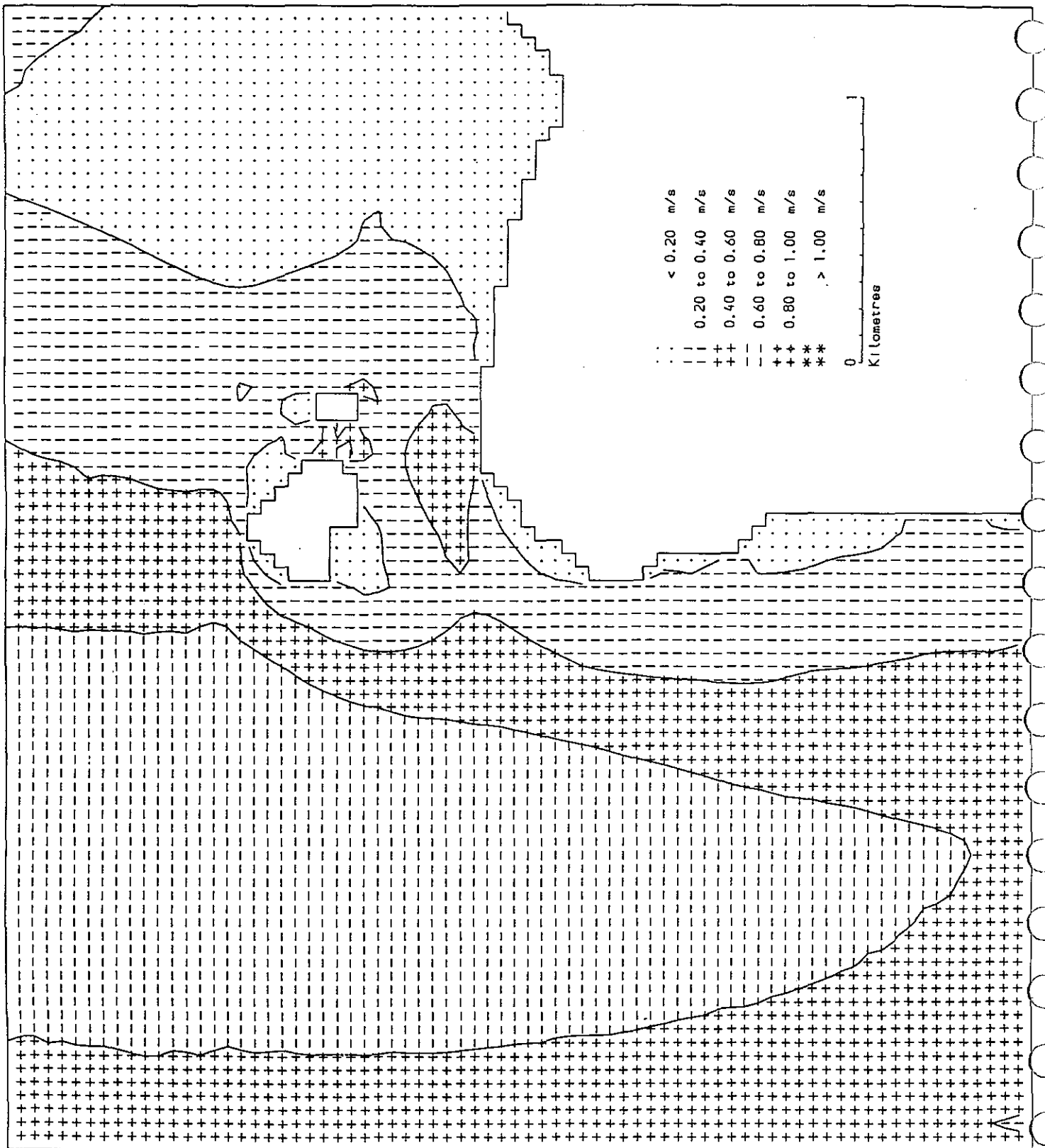


Fig 28a Green Island (50m grid) Model - Upper
 Dry season Spring Peak Speed - Case 2

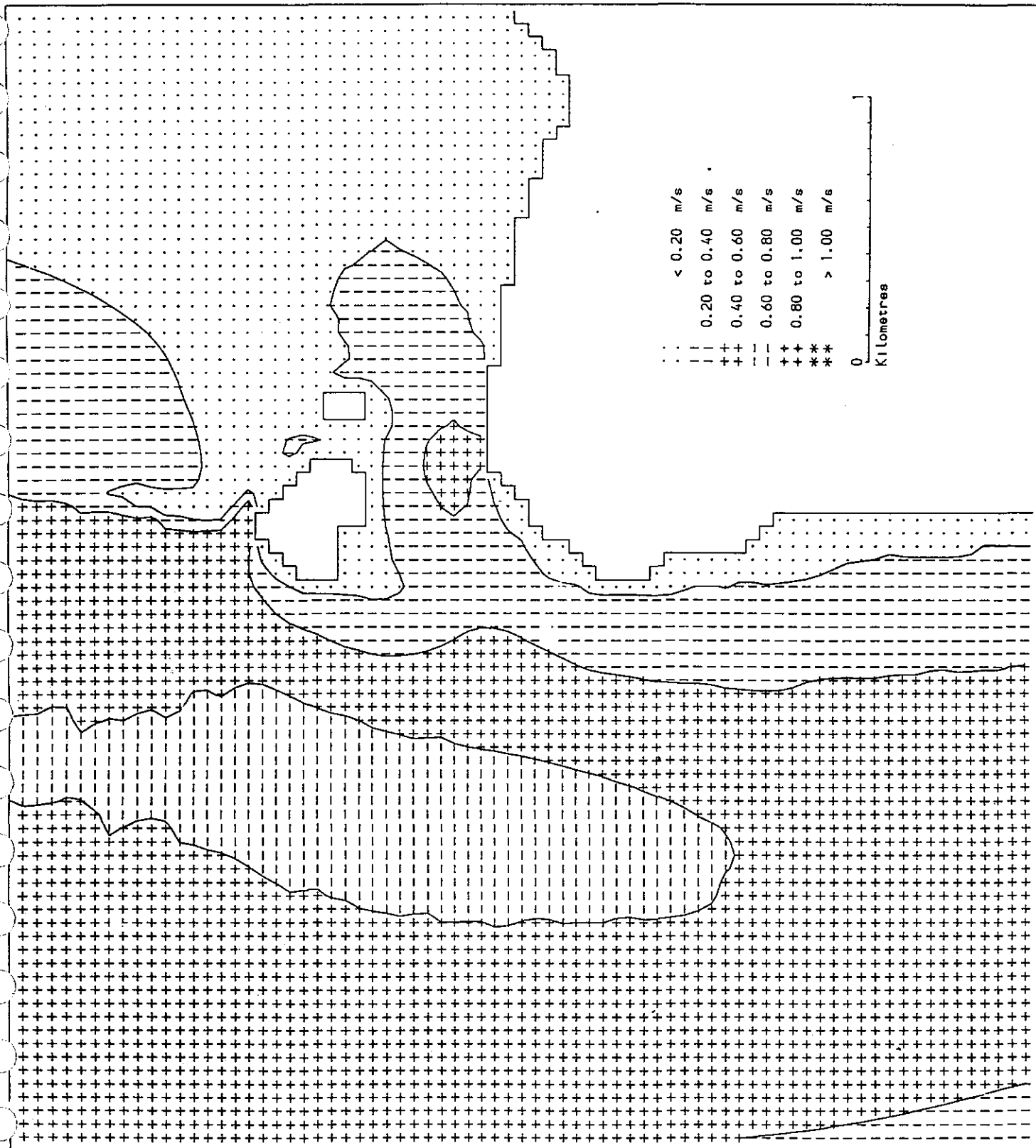


Fig 286 Green Island (50m grid) Model - Lower Dry season Spring Peak Speed - Case 2

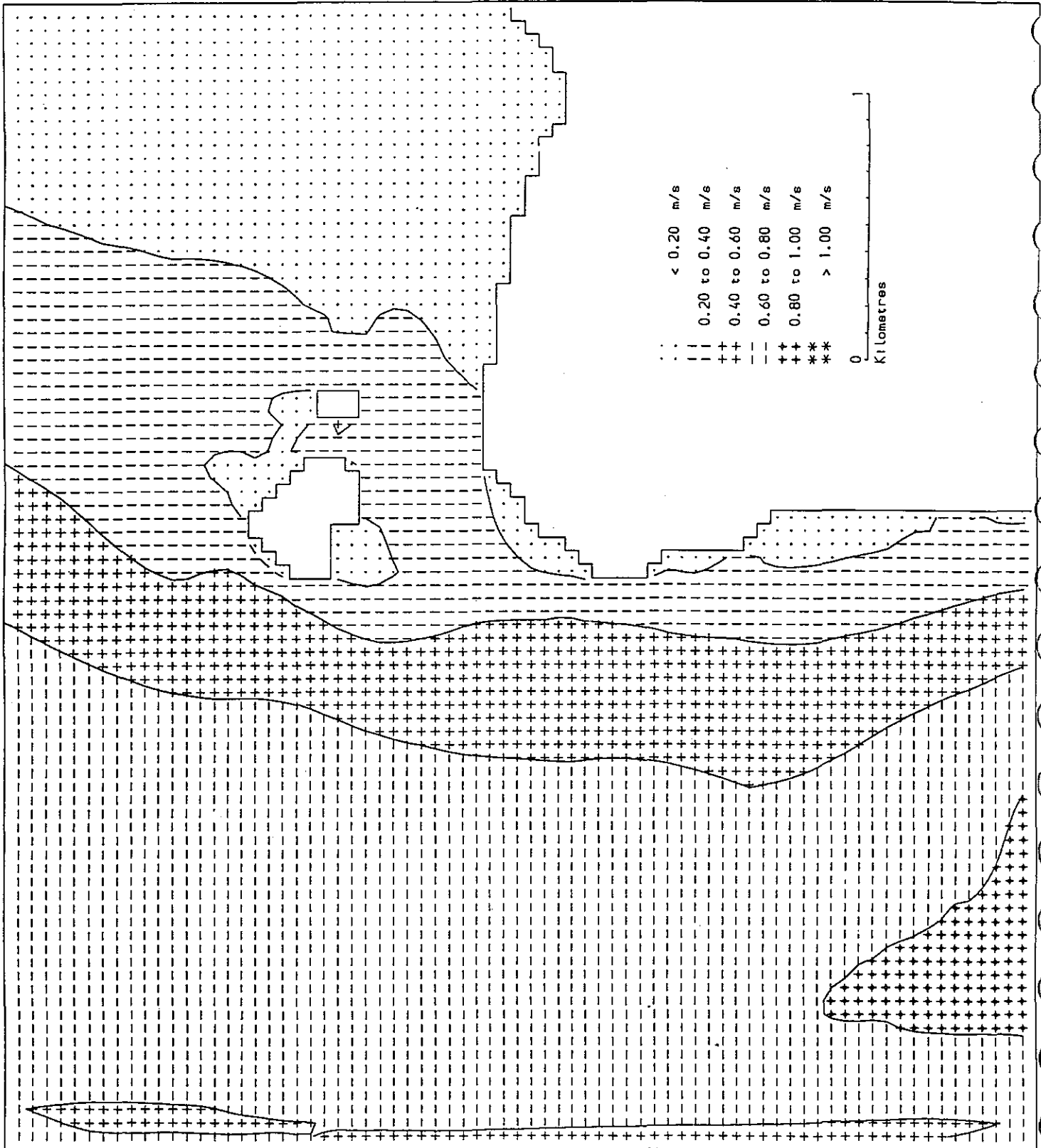


Fig 28c Green Island (50m grid) Model - Upper
Wet season Neap Peak Speed - Case 2

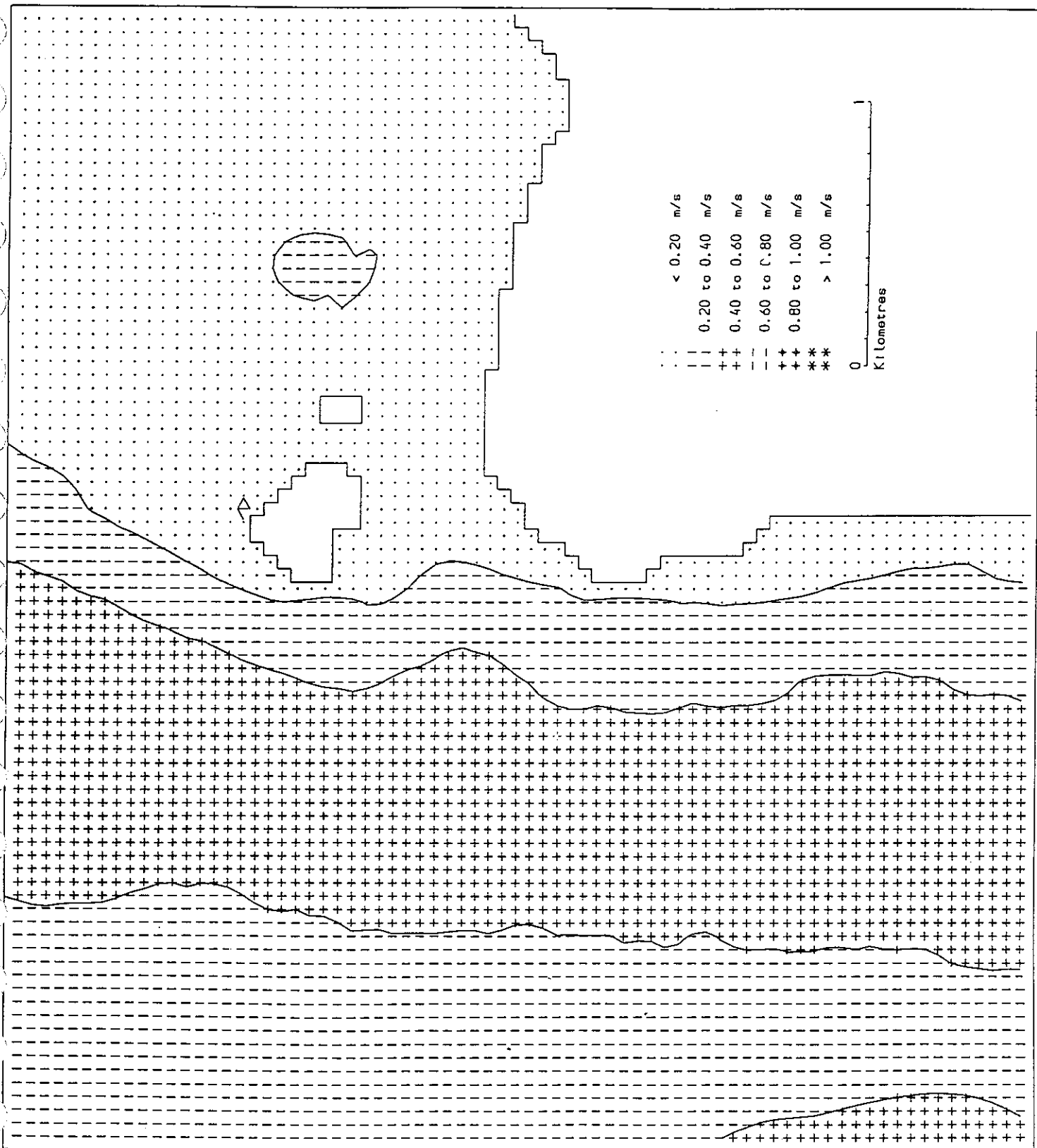


Fig 28d Green Island (50m grid) Model - Lower Wet season Neap Peak Speed - Case 2

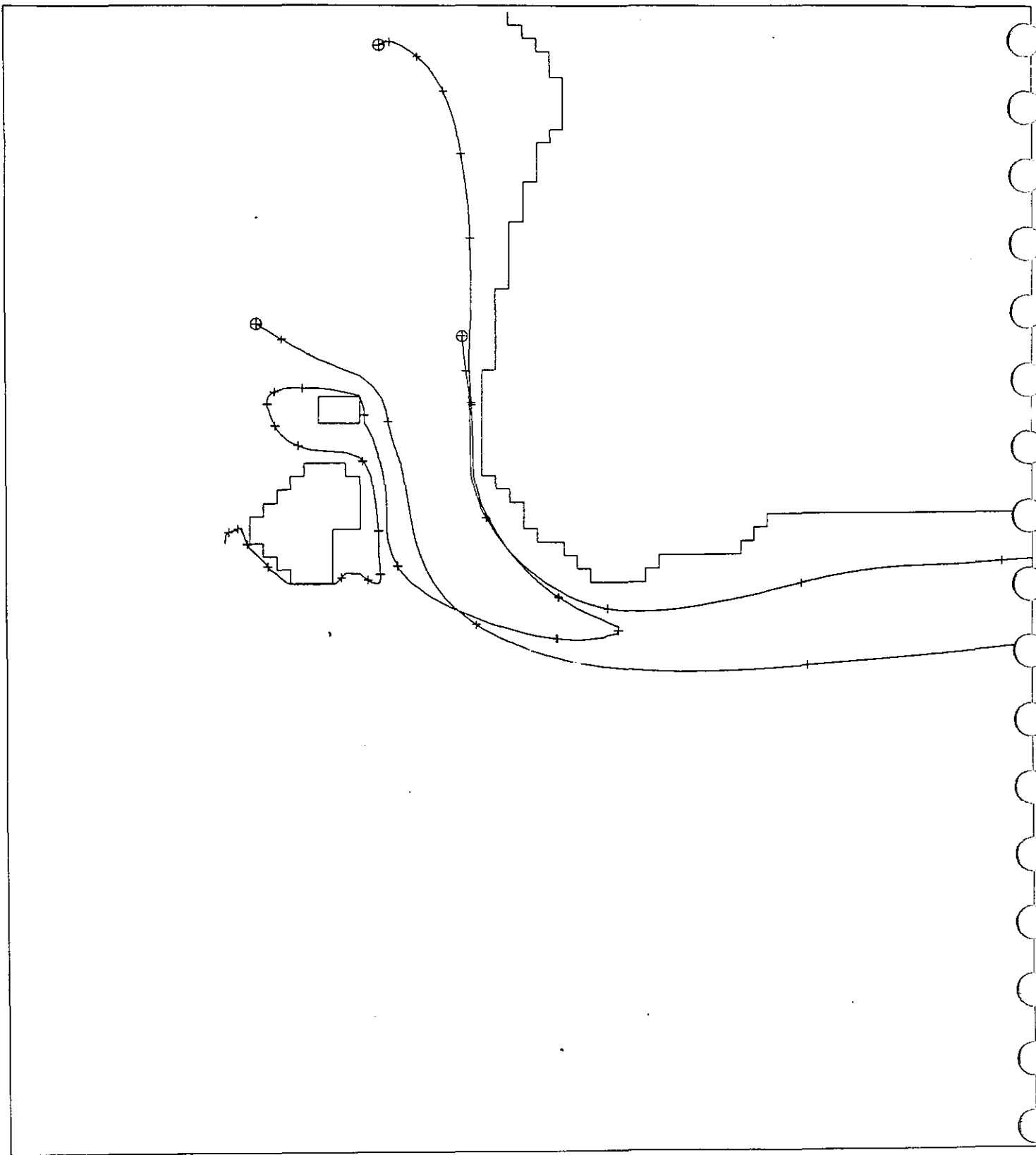


Fig 2a Green Island (50m grid) Model - Case 2
Dry season Spring tide - Released at HHW

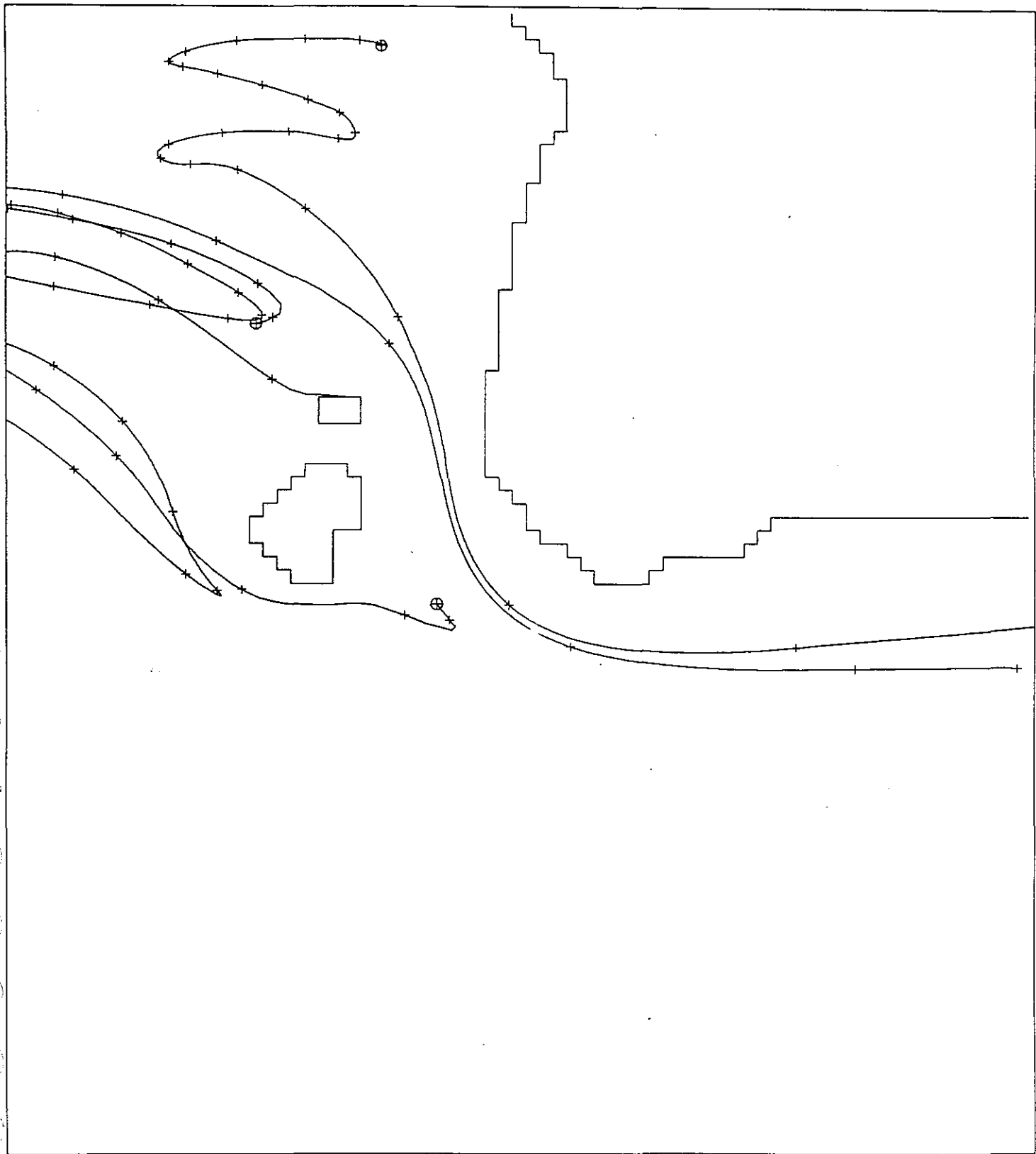


Fig 29b Green Island (50m grid) Model - Case 2
Dry season Spring tide - Released at LLW

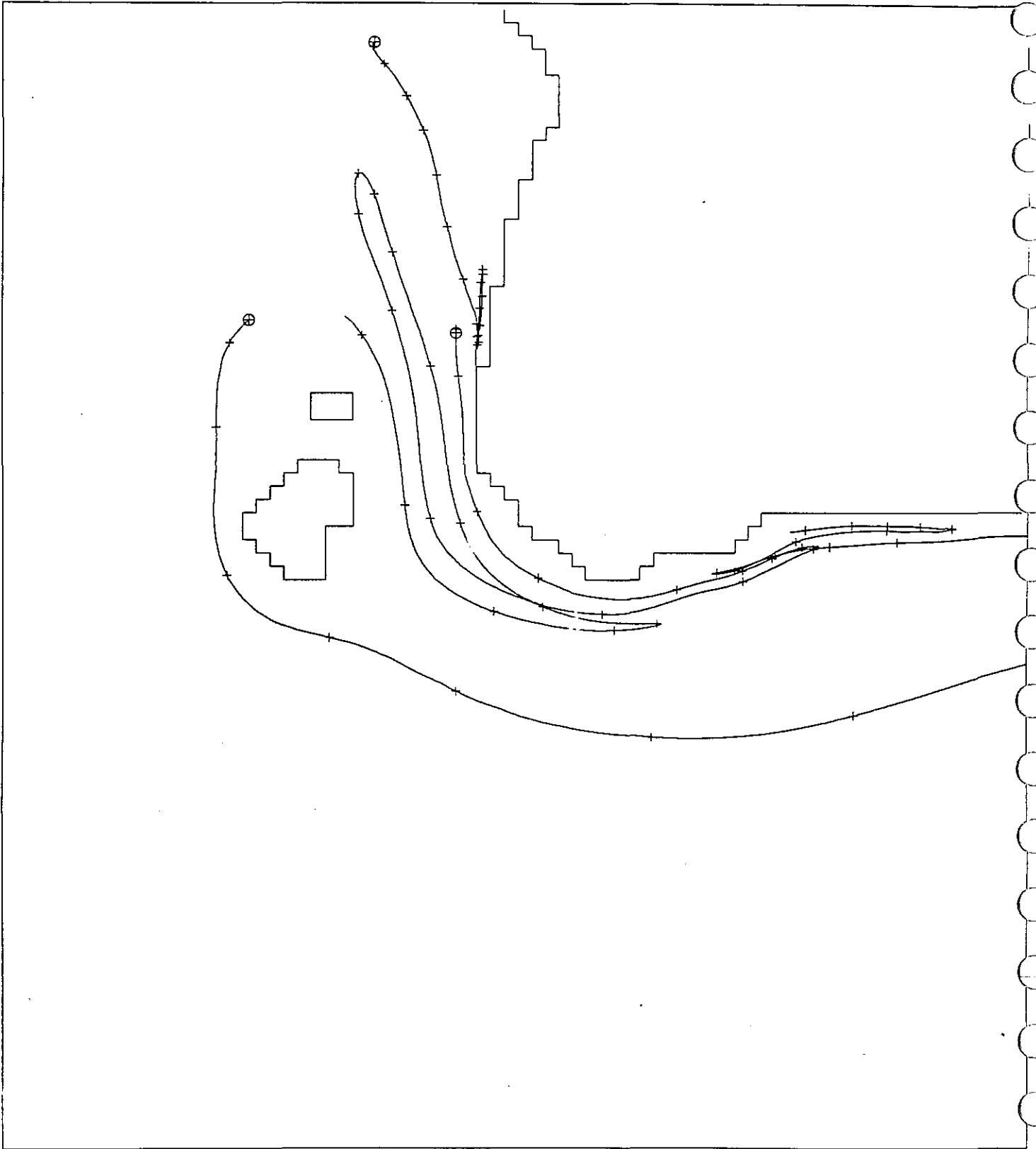


Fig 29c Green Island (50m grid) Model - Case 2
Wet season Neap tide - Released at HHW

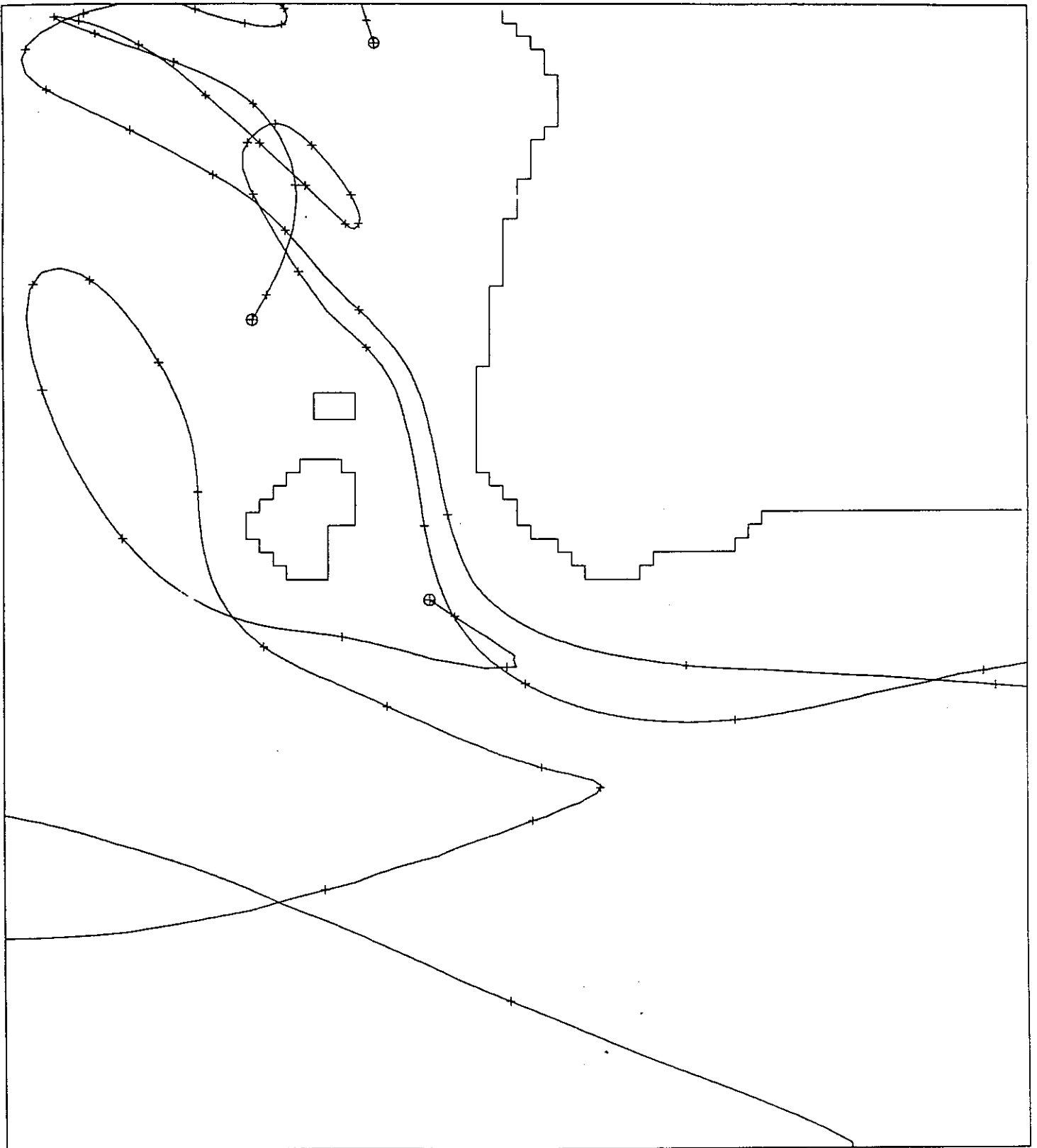


Fig 29d Green Island (50m grid) Model - Case 2
Wet season Neap tide - Released at LLW

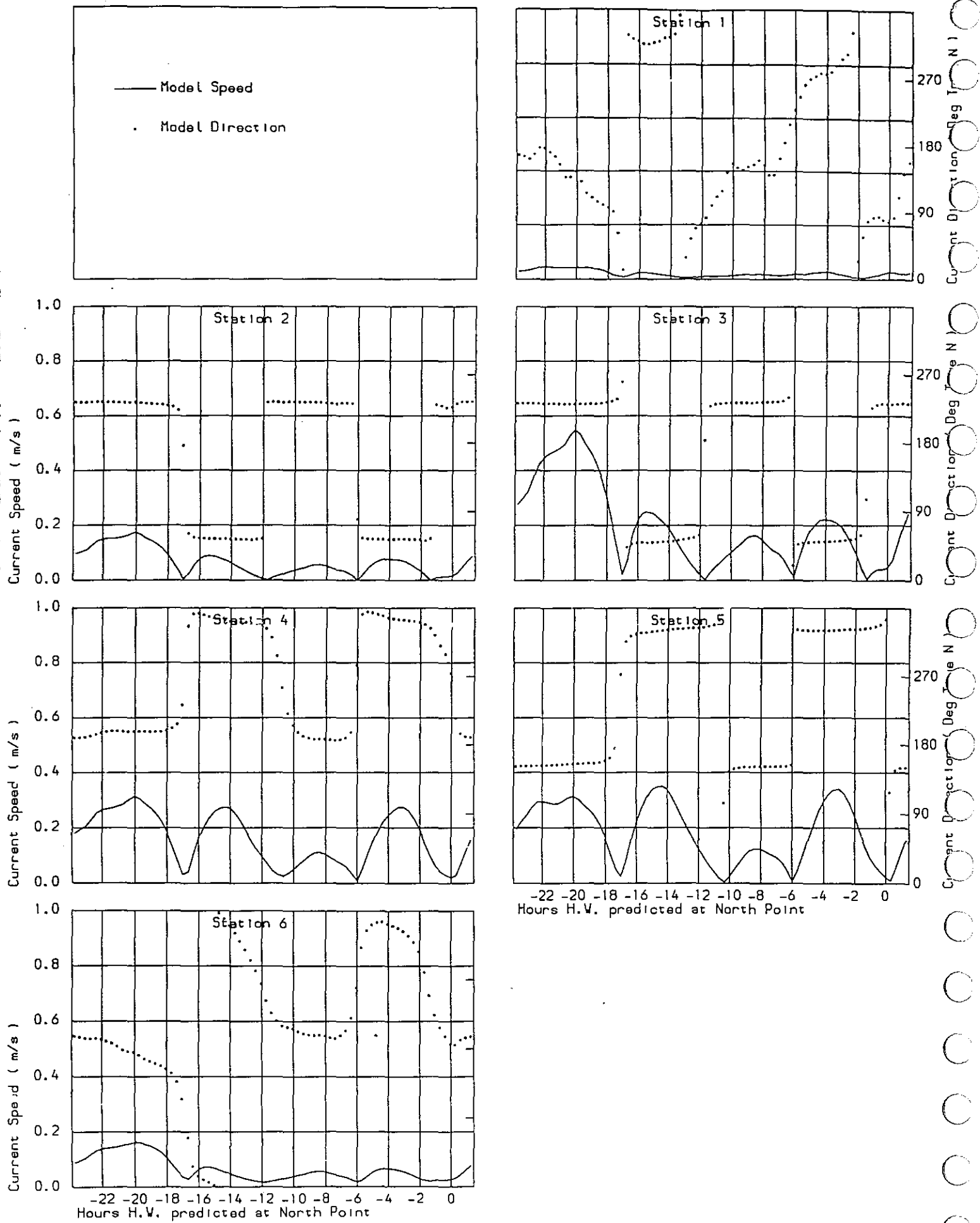


Fig 30a Green Island (50m grid) Model - Case 3
Dry season Spring tide - Upper layer

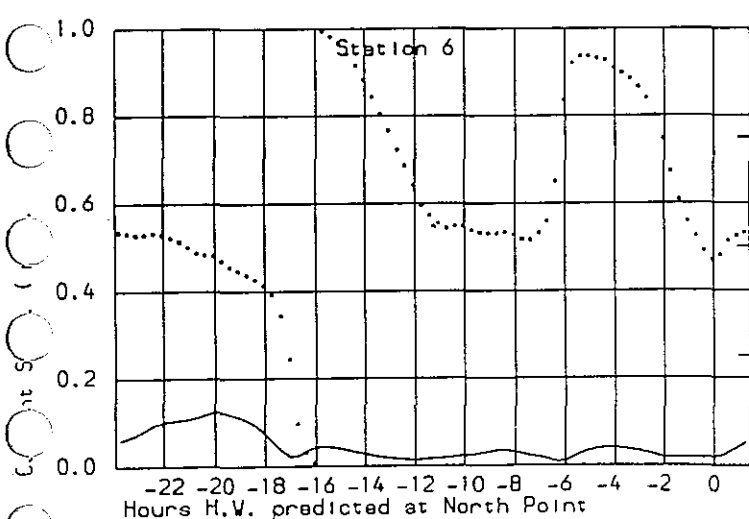
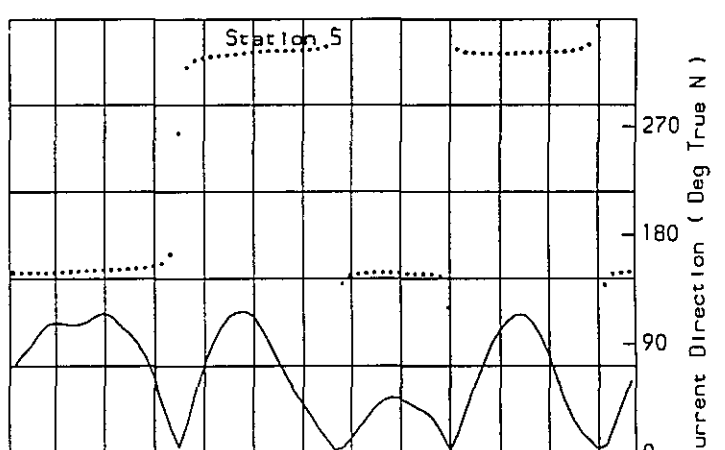
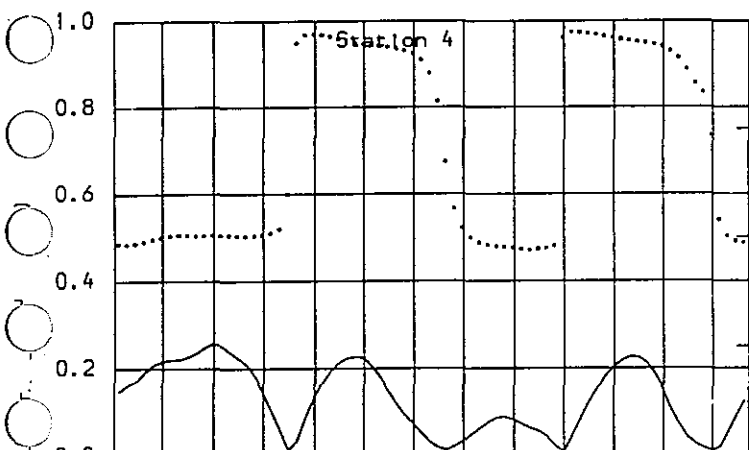
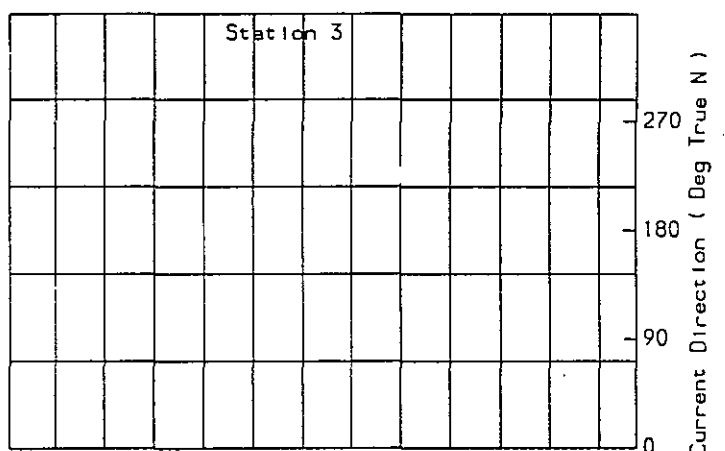
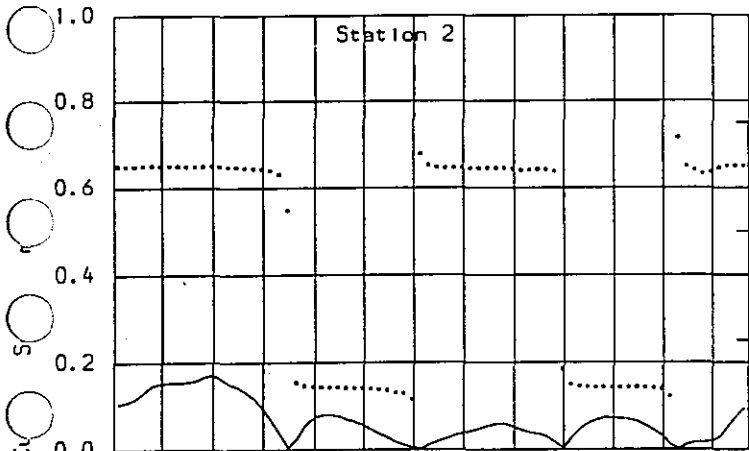
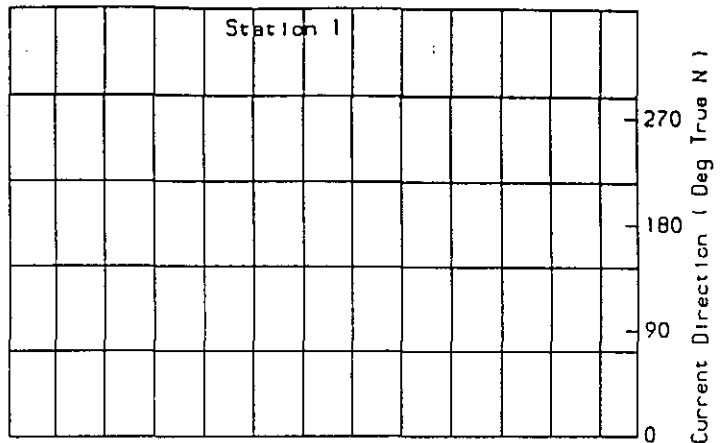
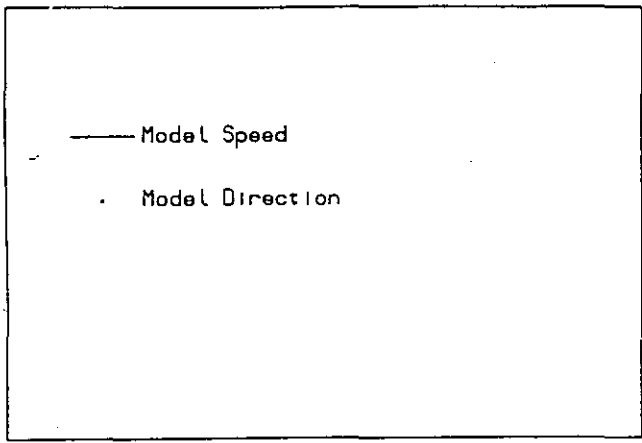
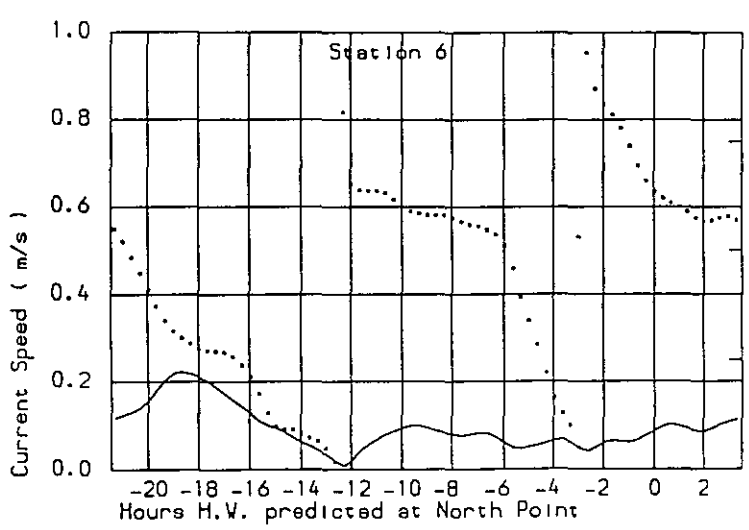
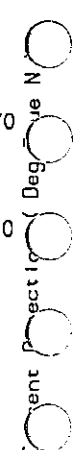
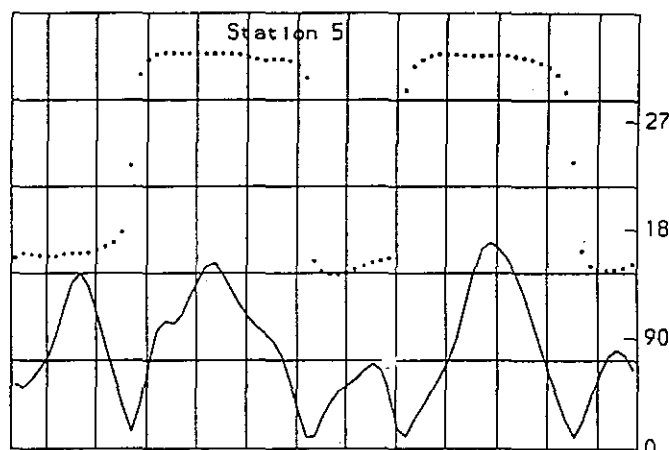
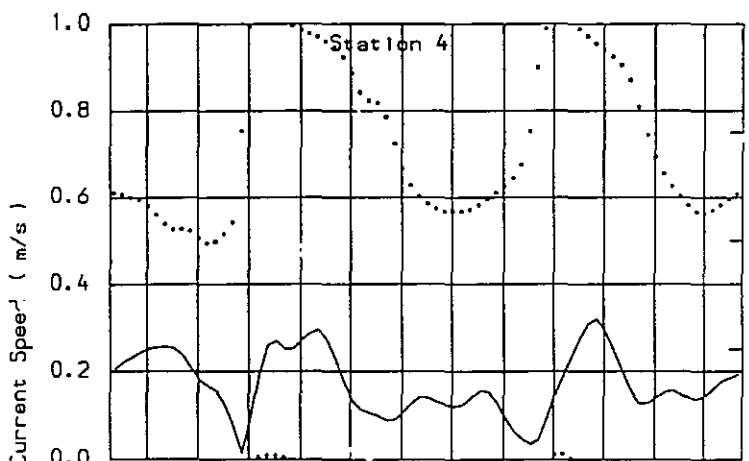
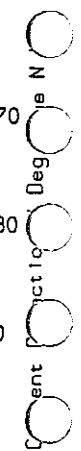
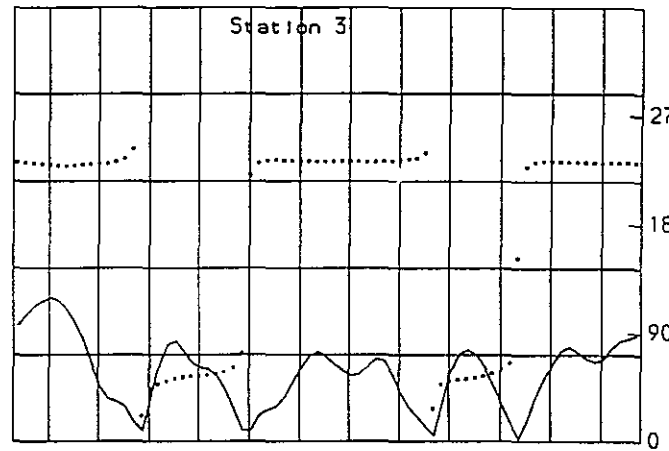
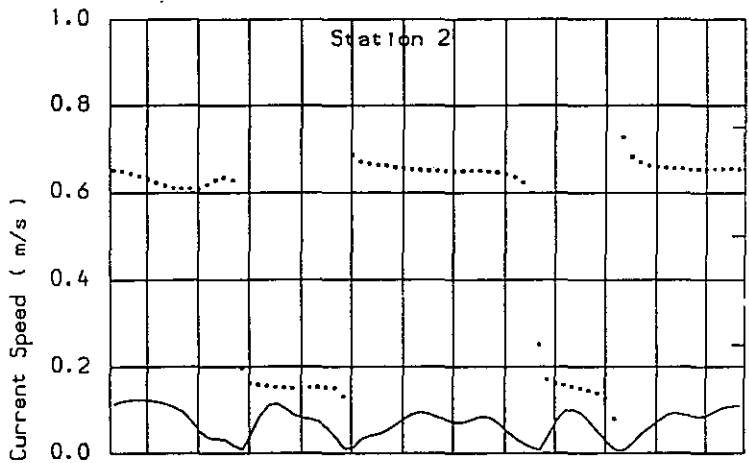
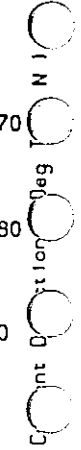
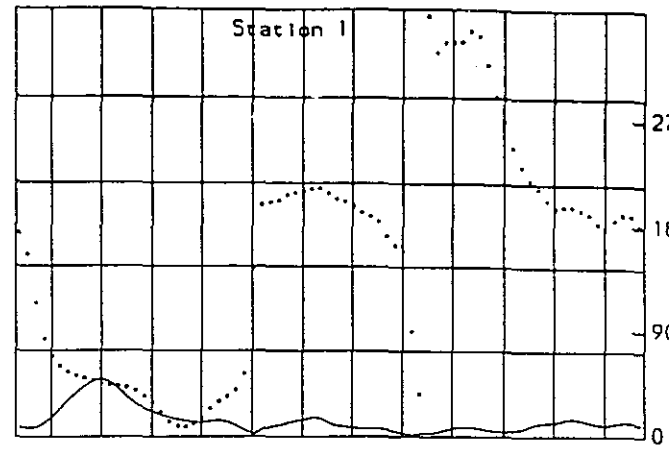
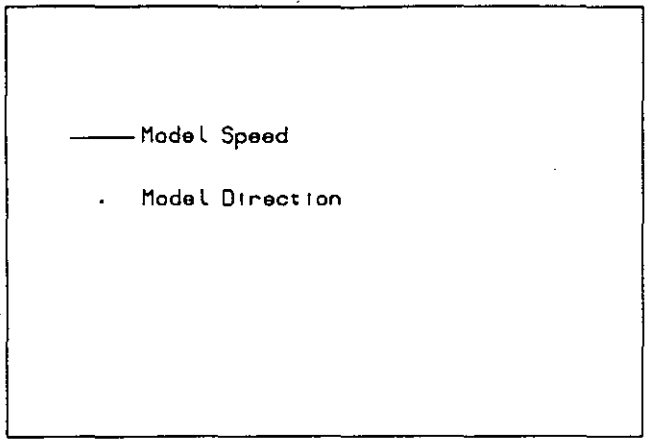
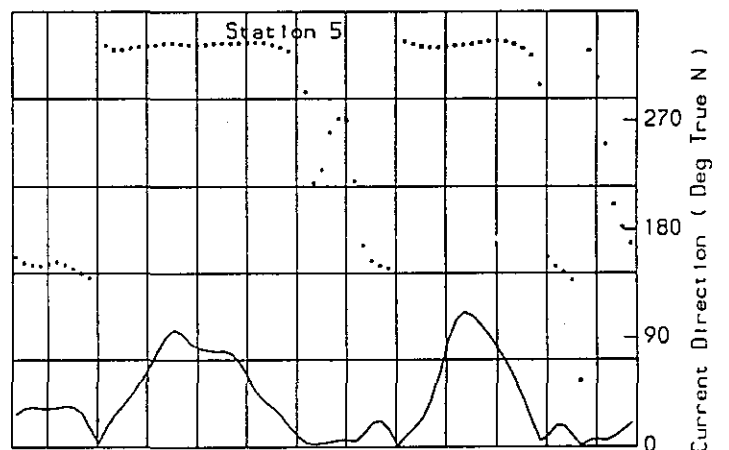
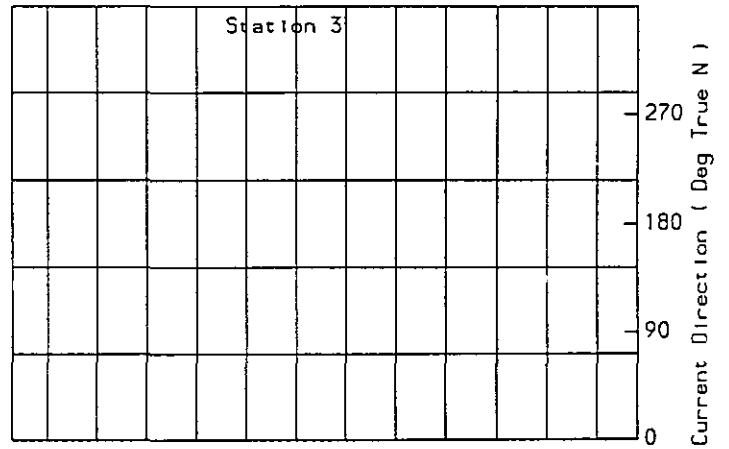
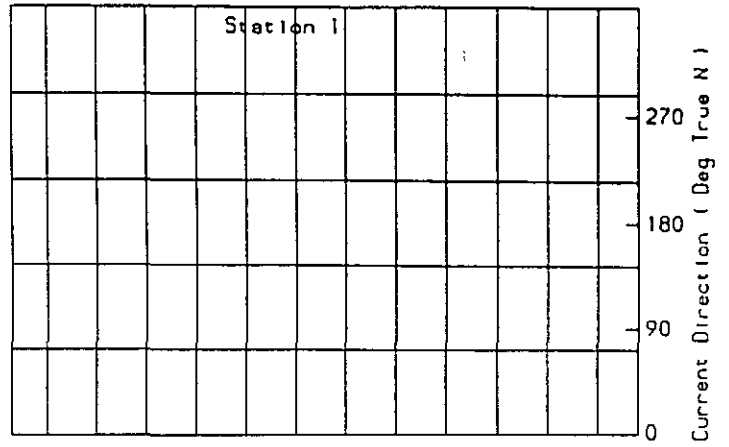
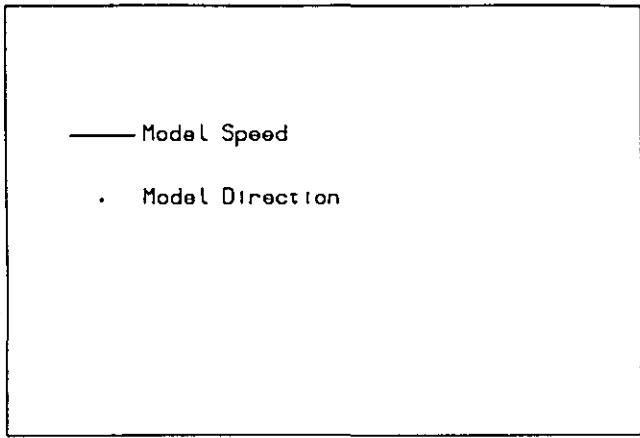


Fig 30b Green Island (50m grid) Model - Case 3
 Dry season Spring tide - Lower layer

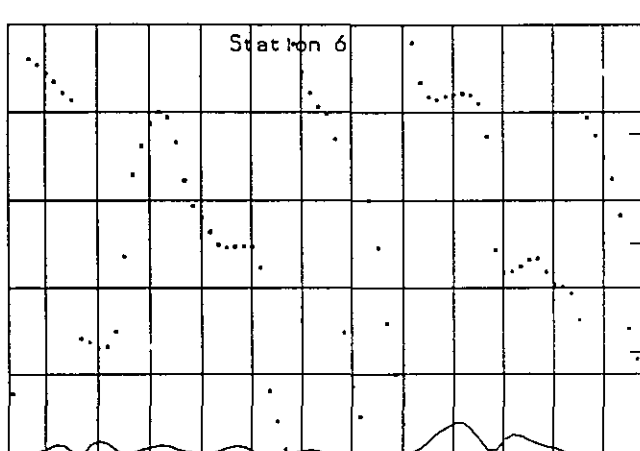
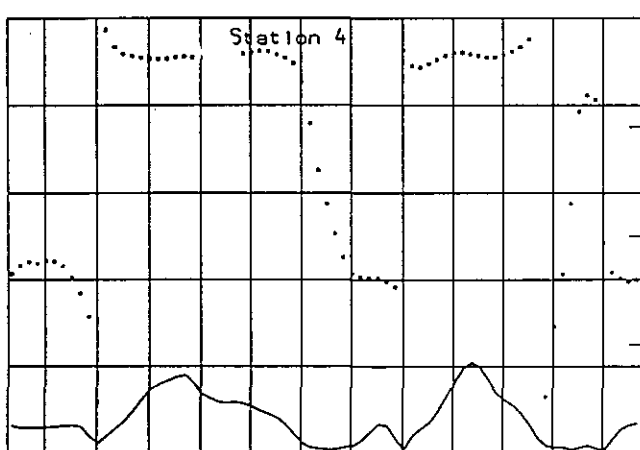
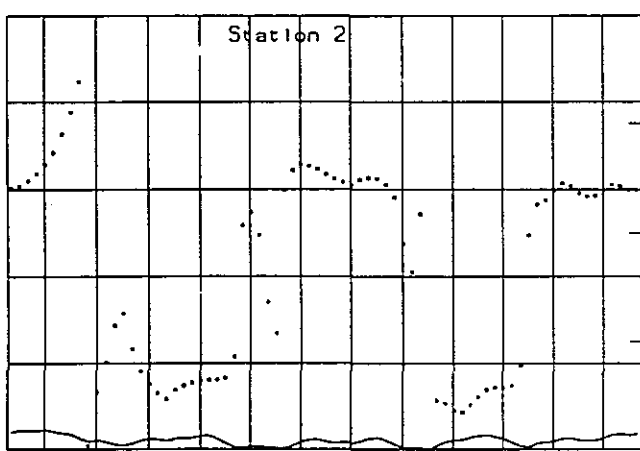


-20 -18 -16 -14 -12 -10 -8 -6 -4 -2 0 2
 Hours H.W. predicted at North Point

Fig 30c Green Island (50m grid) Model - Case 3
 Wet season Neap tide - Upper layer



Hours H.W. predicted at North Point



Hours H.W. predicted at North Point

Fig 30d Green Island (50m grid) Model - Case 3
 Wet season Neap tide - Lower layer

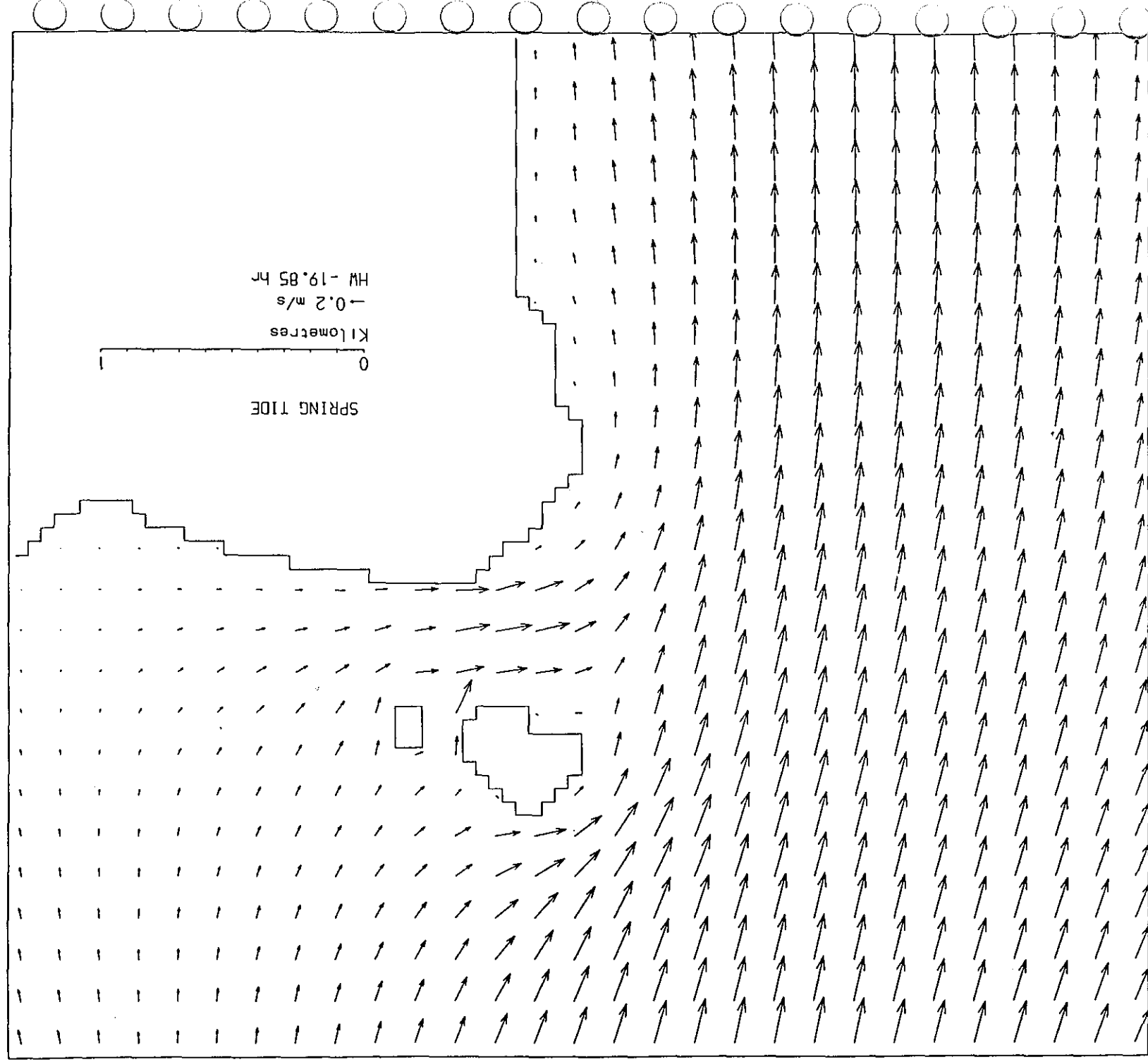


Fig 31a Green Island (50m grid) Model - Case 3
Dry season Spring Ebb - Upper layer

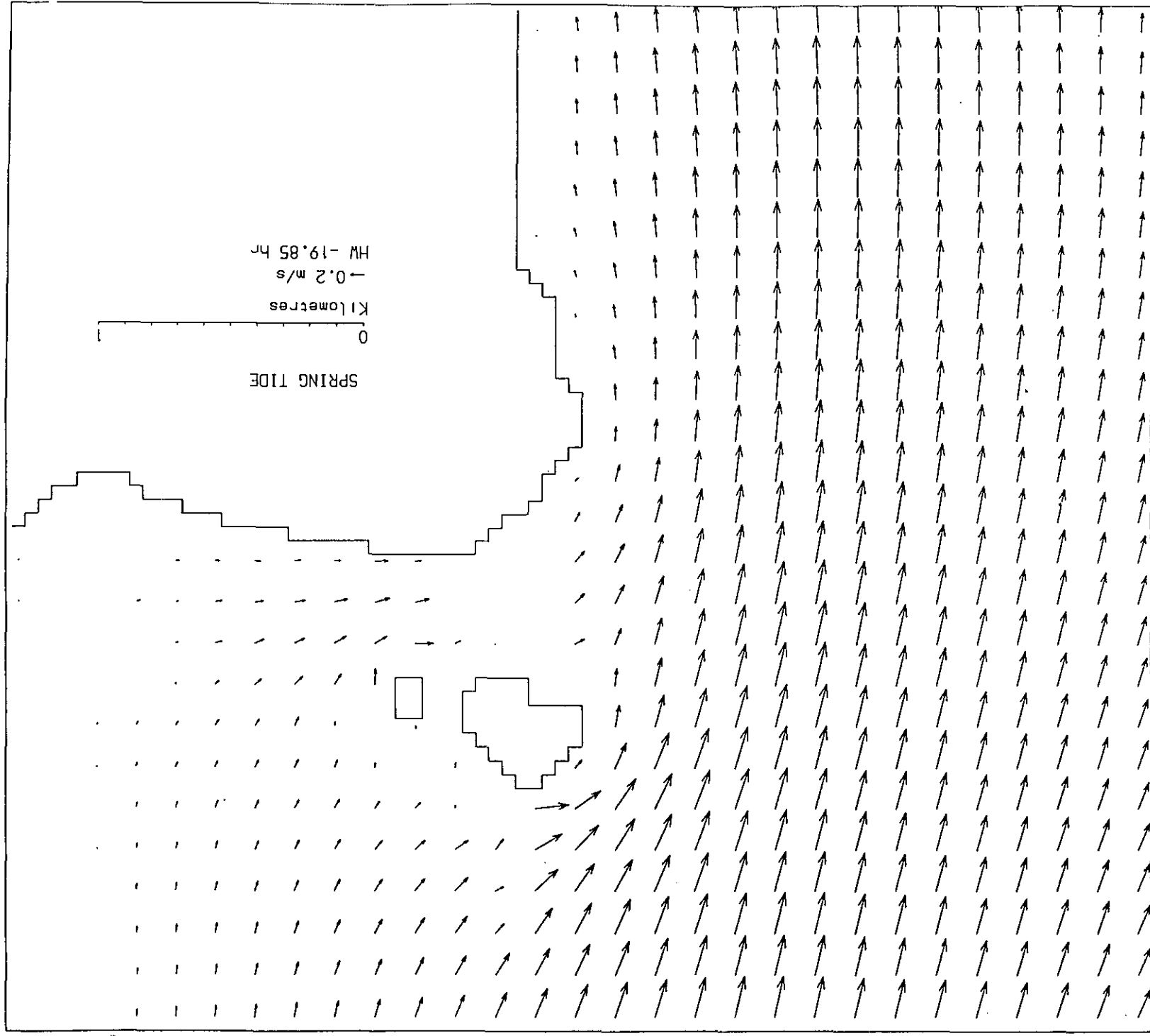


Fig 31b Green Island (50m grid) Model - Case 3
 Dry season Spring Ebb - Lower layer

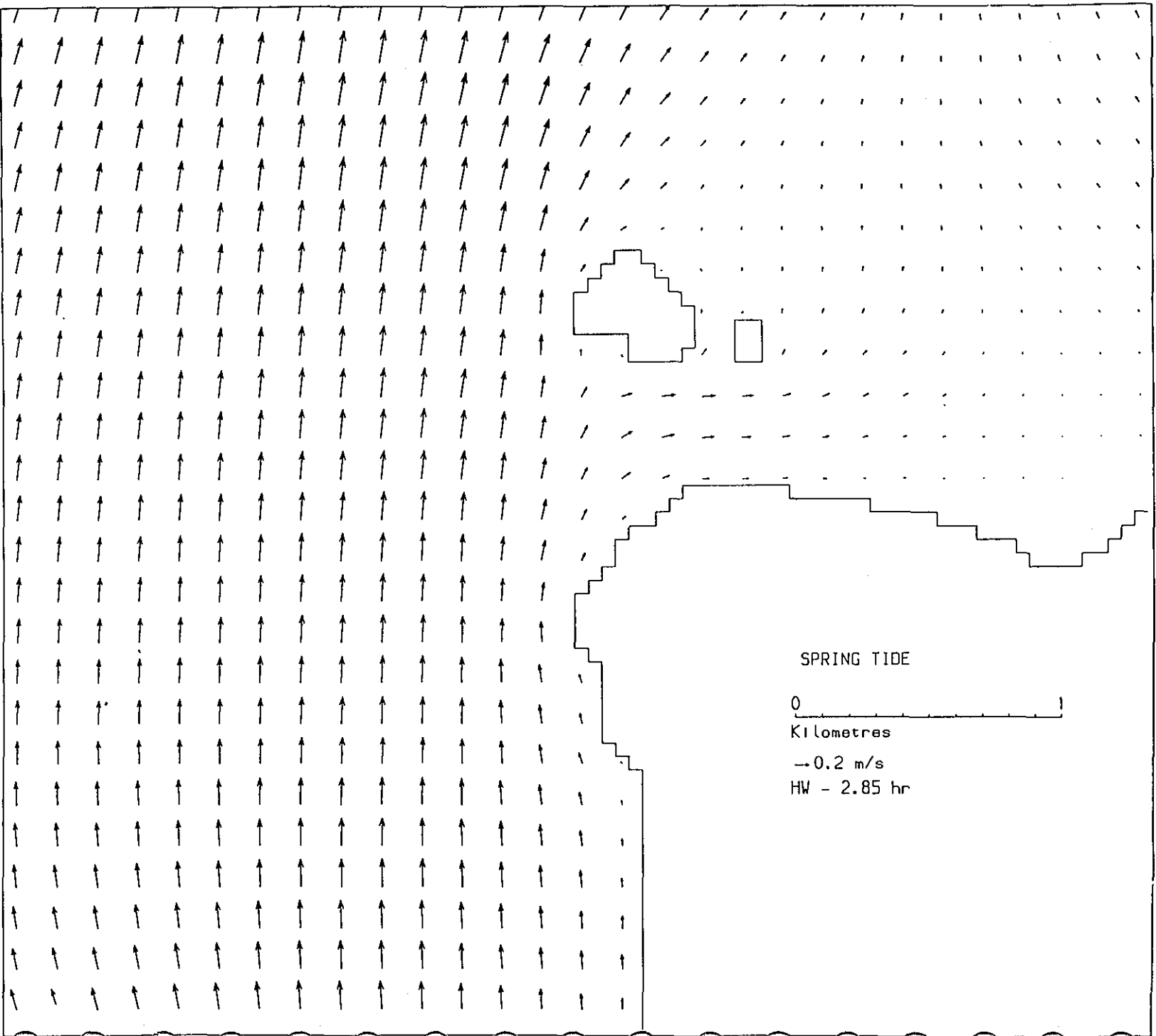
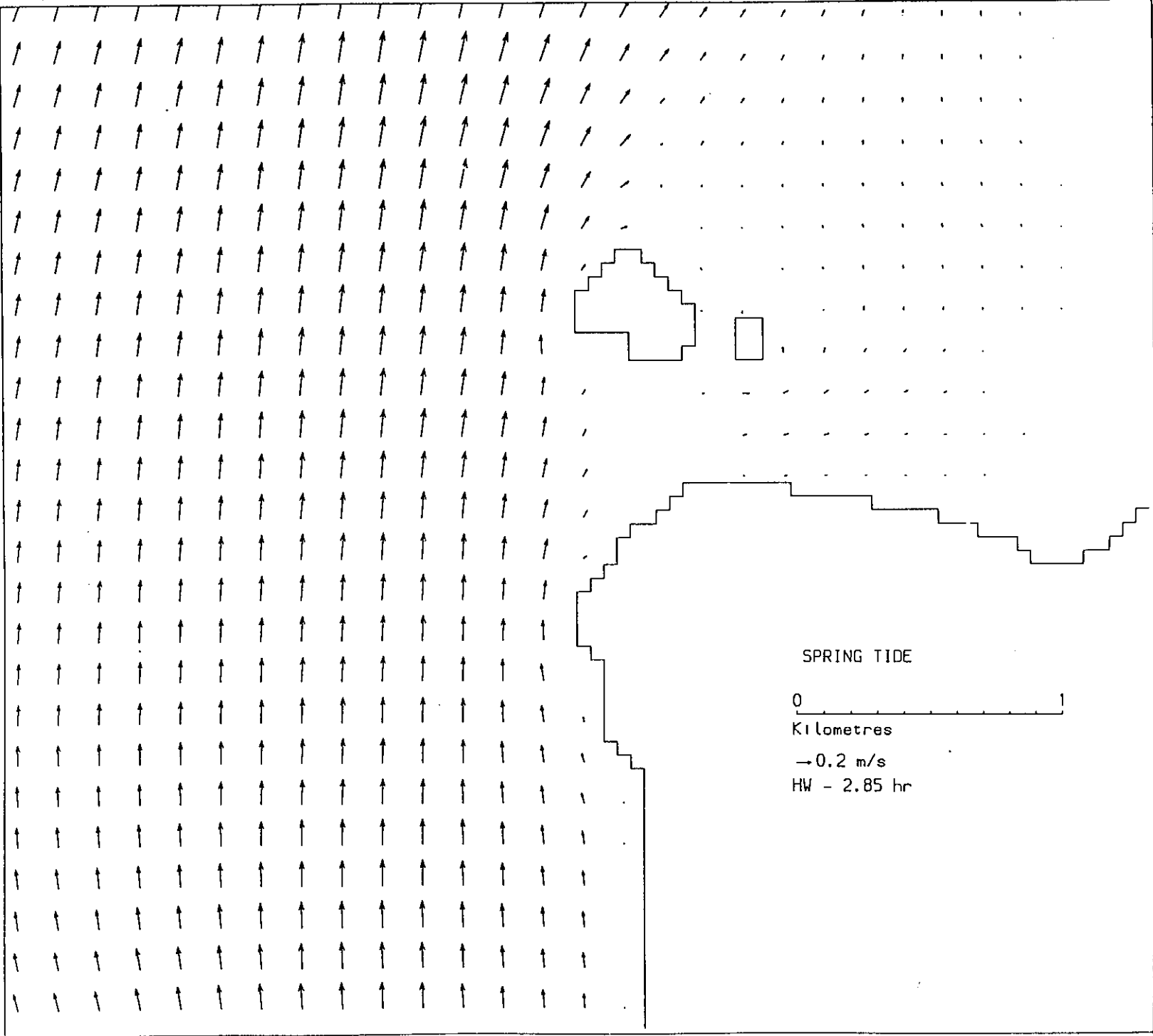
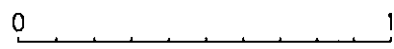


Fig 31c Green Island (50m grid) Model - Case 3
Dry season Spring Flood - Upper layer



SPRING TIDE

0  1

Kilometres

→ 0.2 m/s

HW - 2.85 hr

Fig 31d Green Island (50m grid) Model - Case 3
Dry season Spring Flood - Lower layer

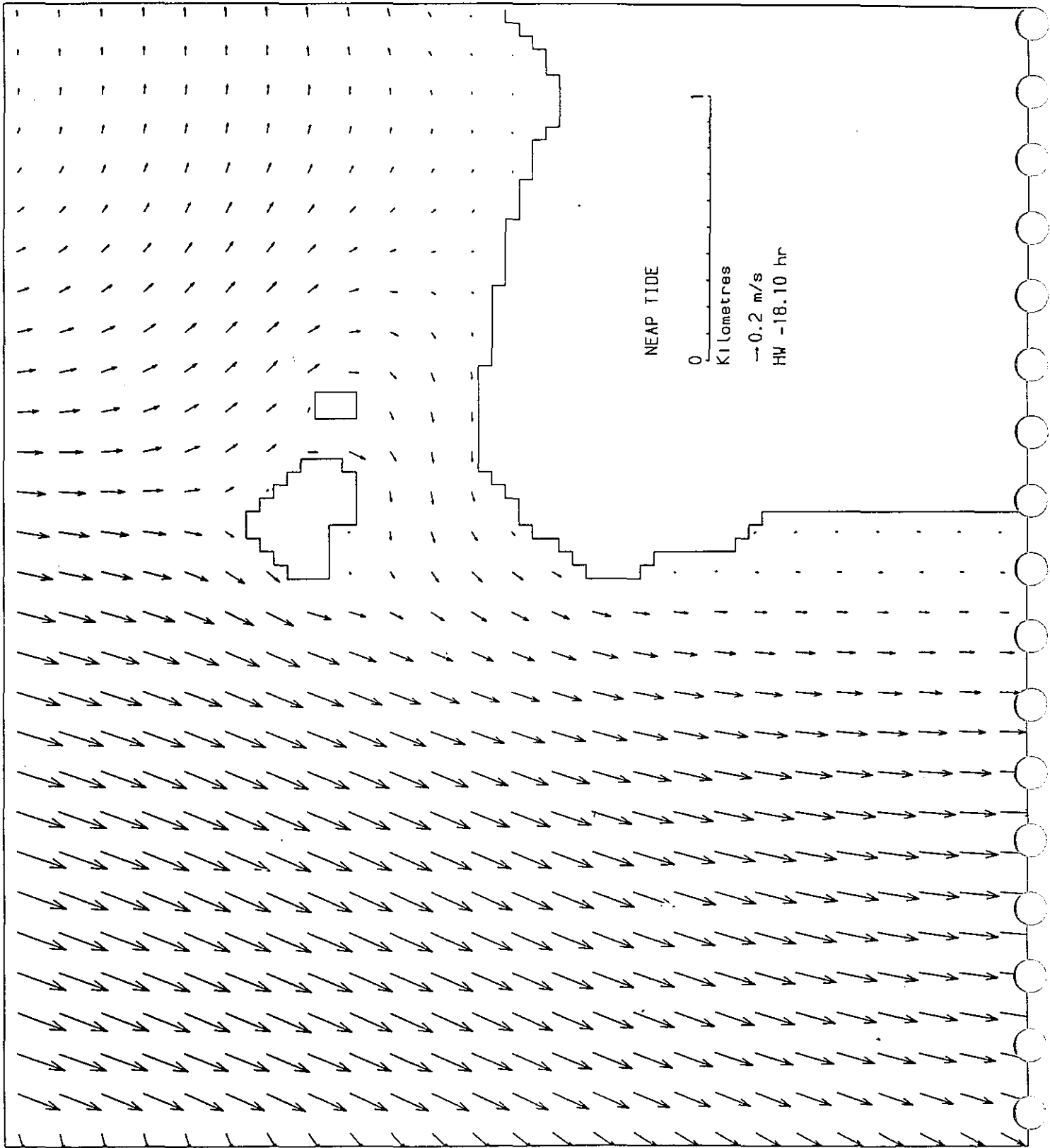


Fig 31e Green Island (50m grid) Model - Case 3
Wet season Neap Ebb - Upper layer

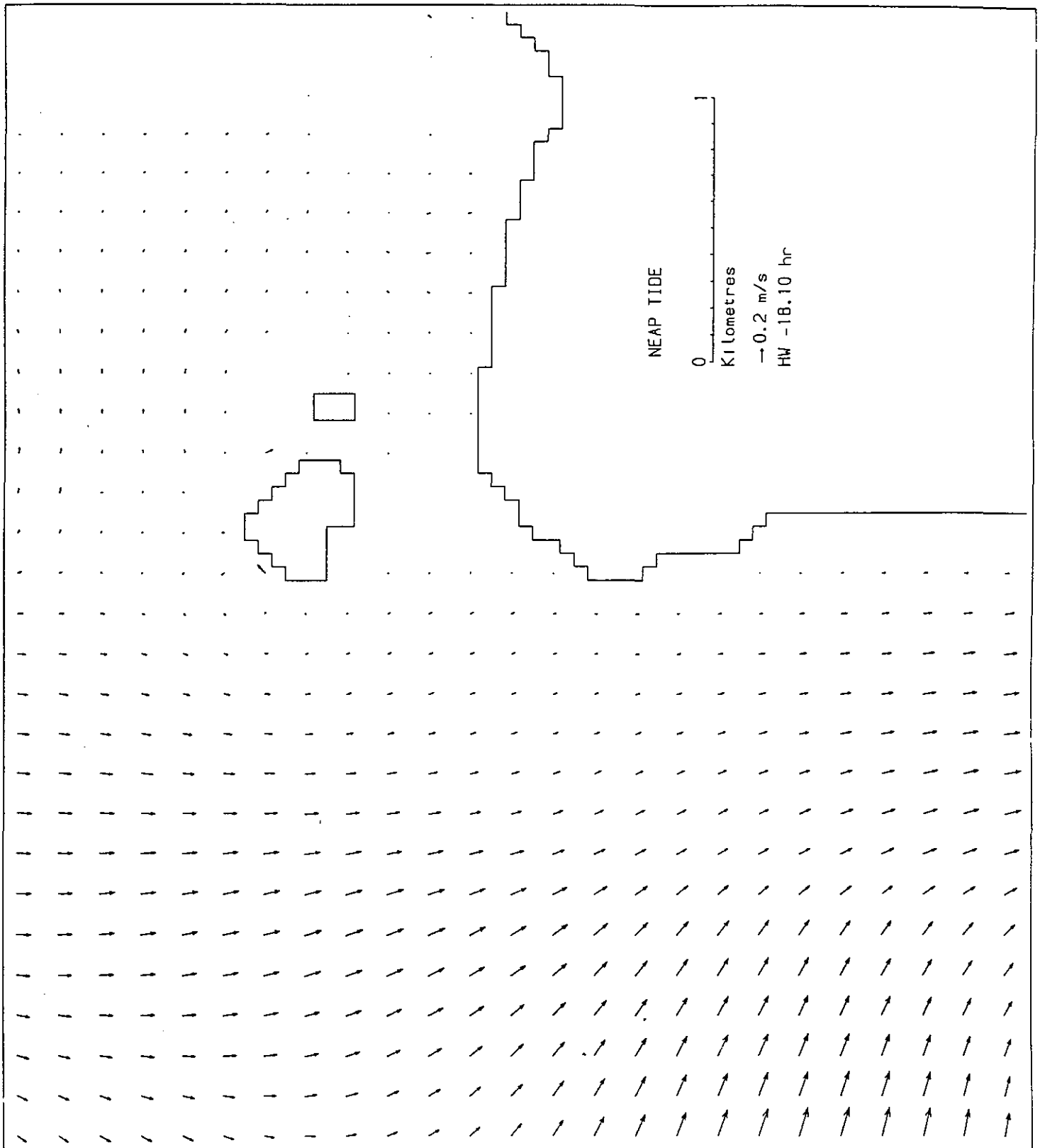


Fig 34f Green Island (50m grid) Model - Case 3
Wet season Neap Ebb - Lower layer

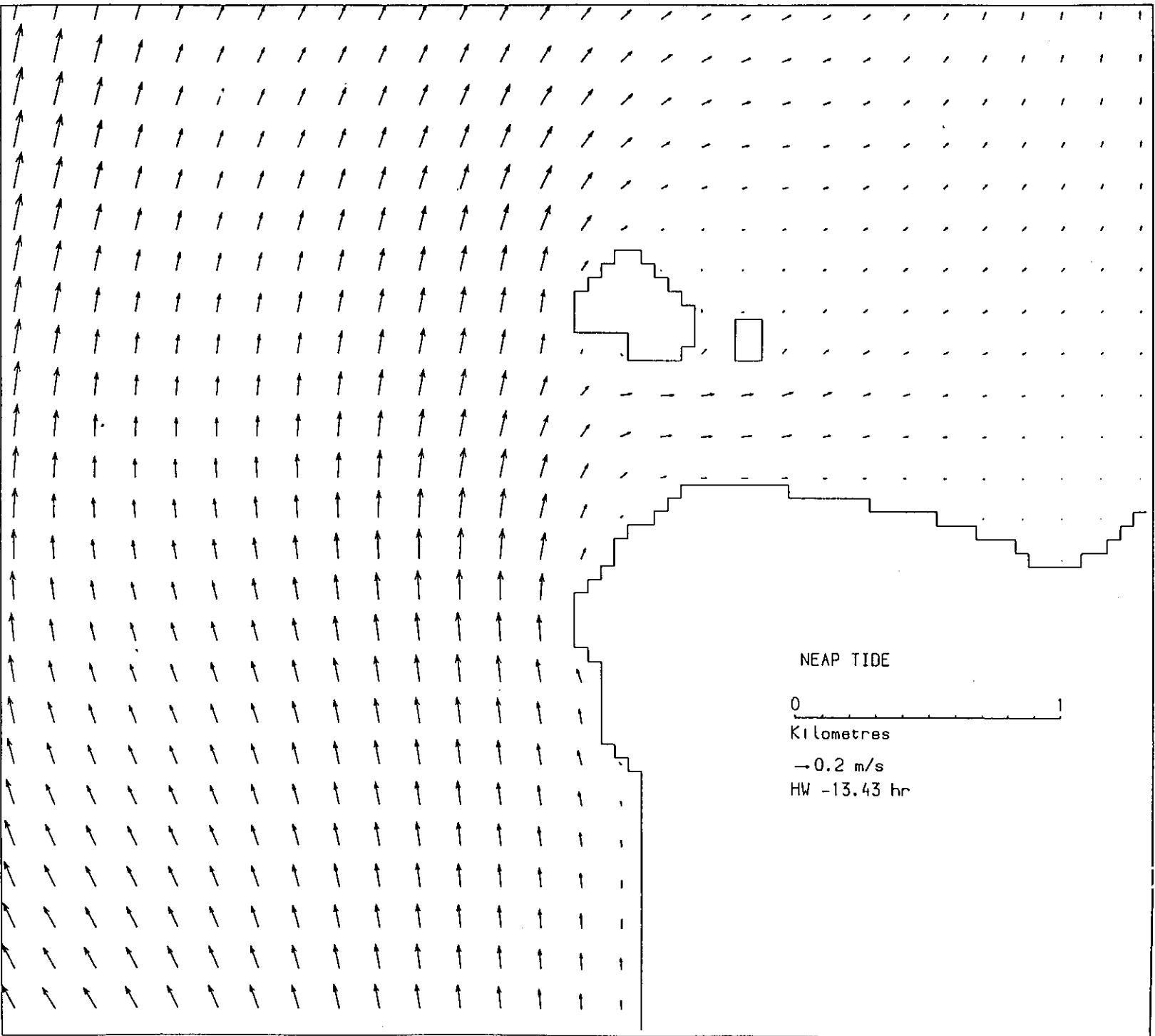


Fig 2ig Green Island (50m grid) Model - Case 3
Wet season Neap Flood - Upper layer

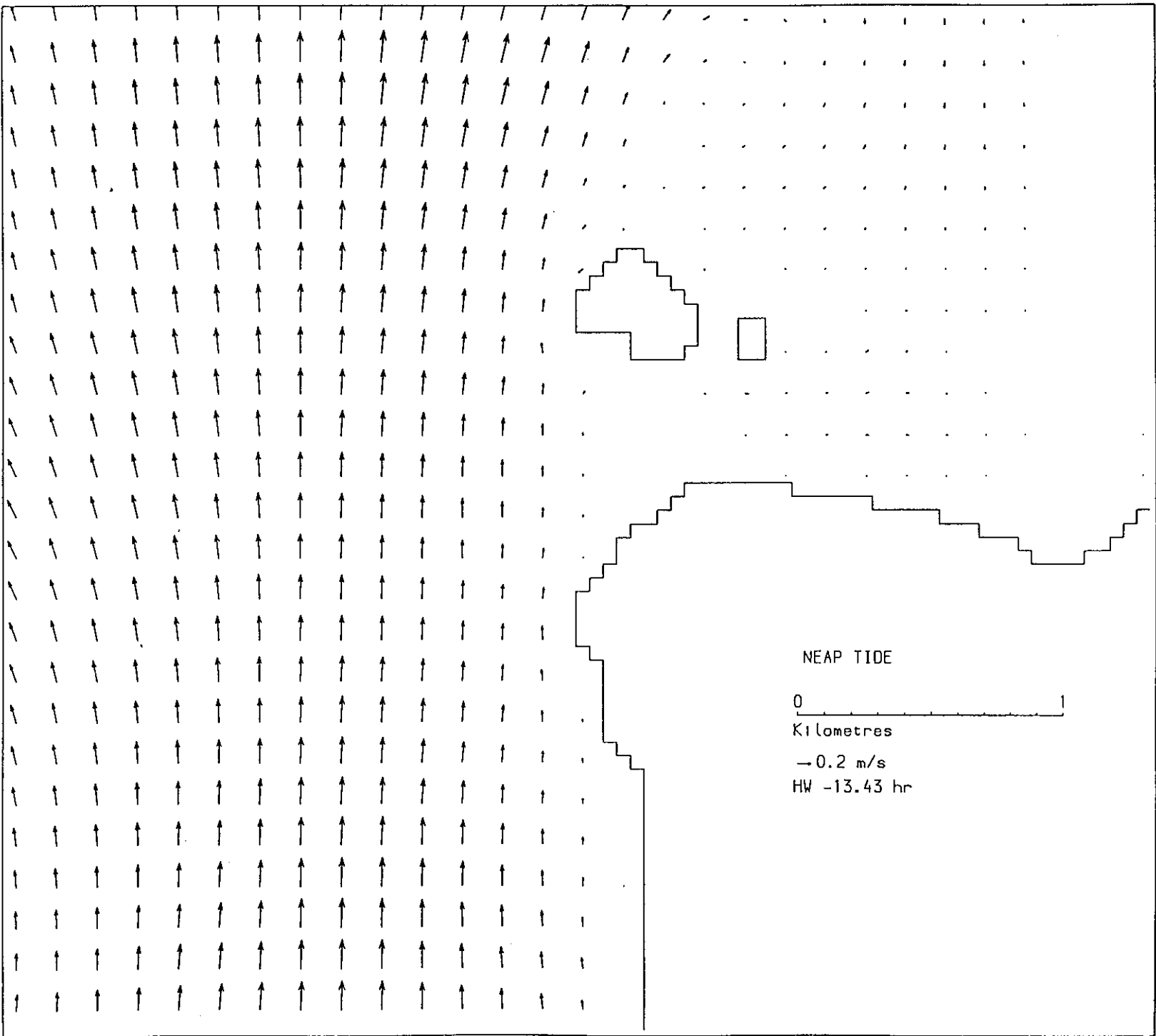


Fig 31h Green Island (50m grid) Model - Case 3
Wet season Neap Flood - Lower layer

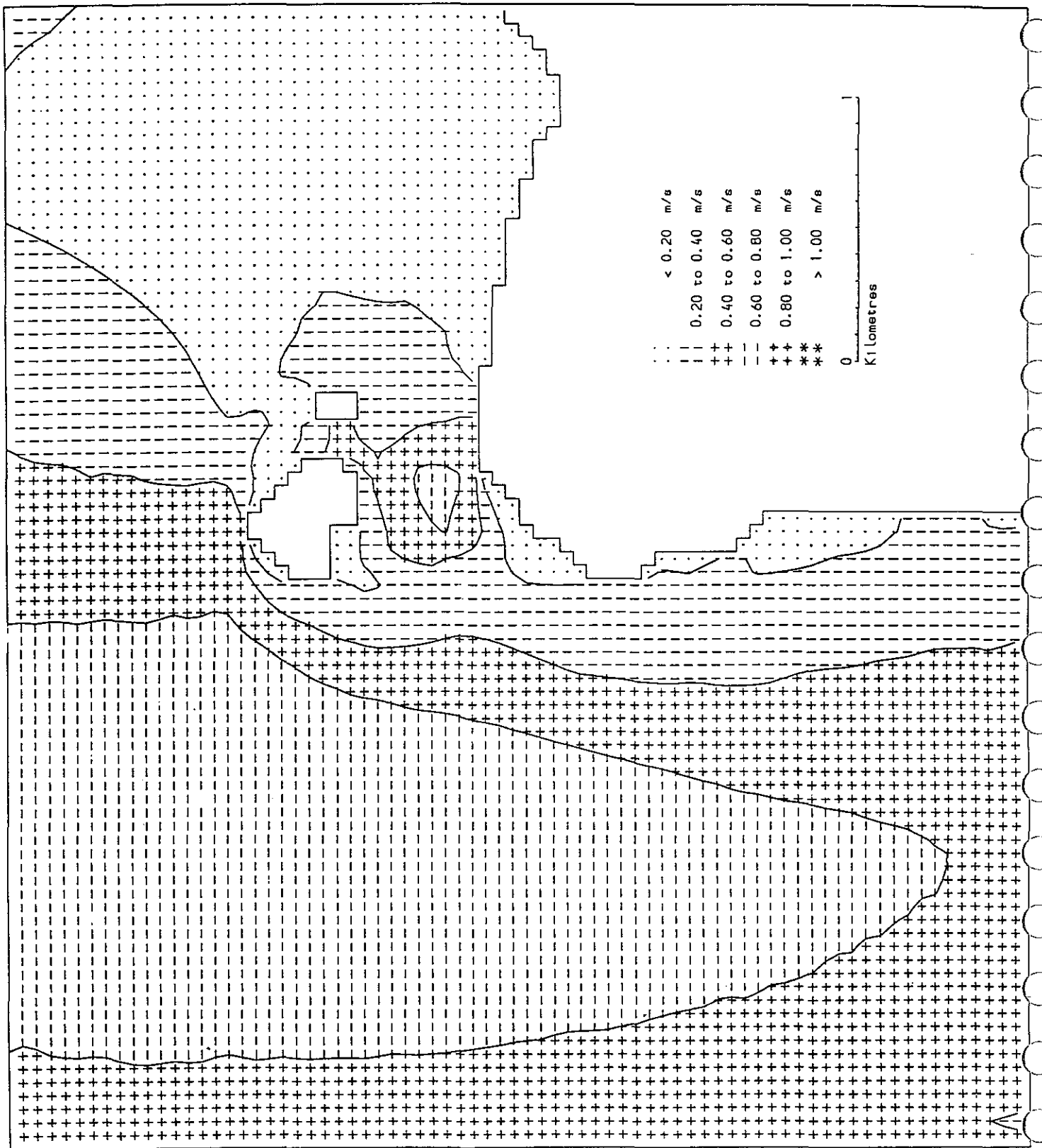


Fig 32a Green Island (50m grid) Model - Upper
 Dry season Spring Peak Speed - Case 3

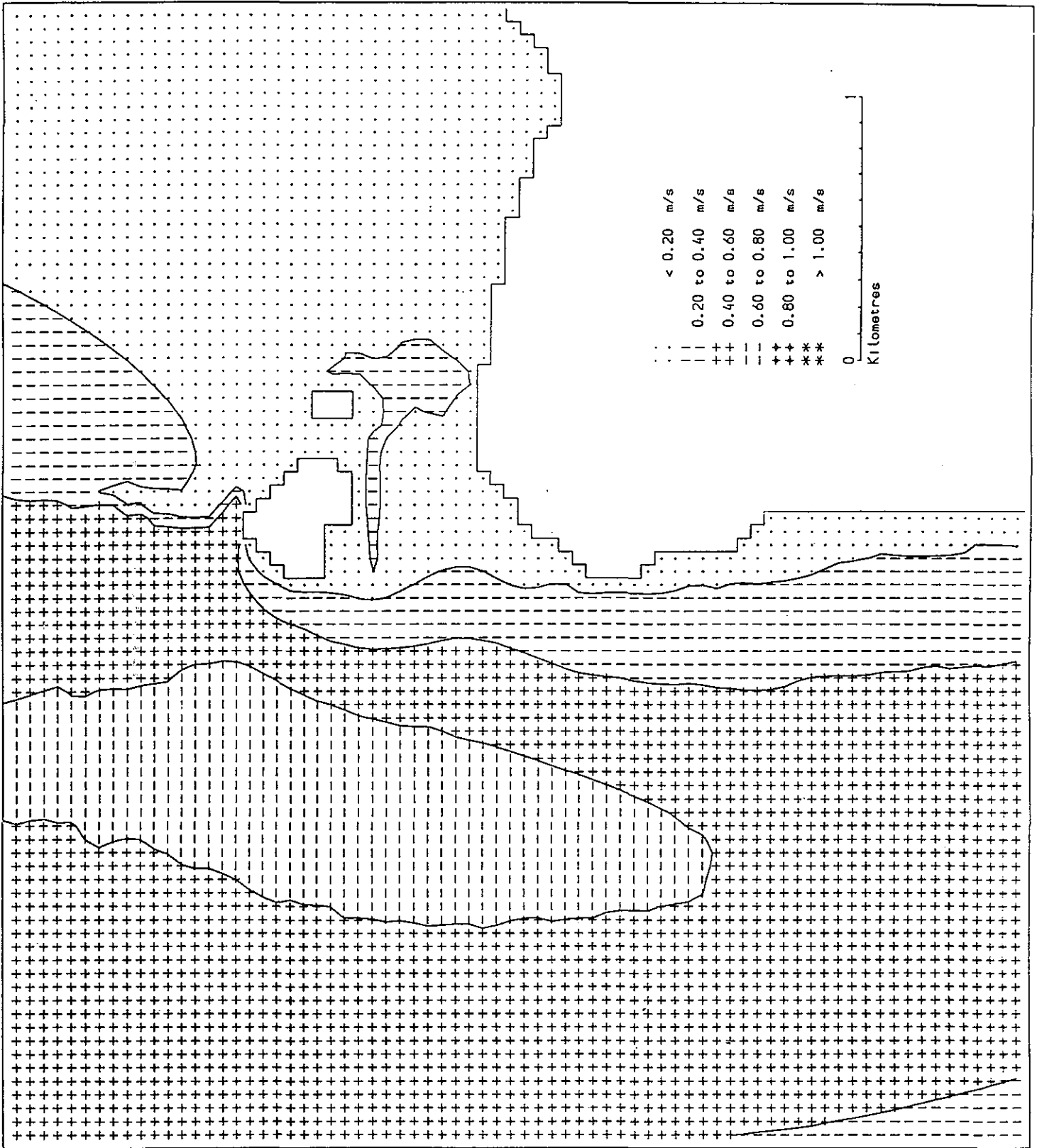


Fig 32b Green Island (50m grid) Model - Lower Dry season Spring Peak Speed - Case 3

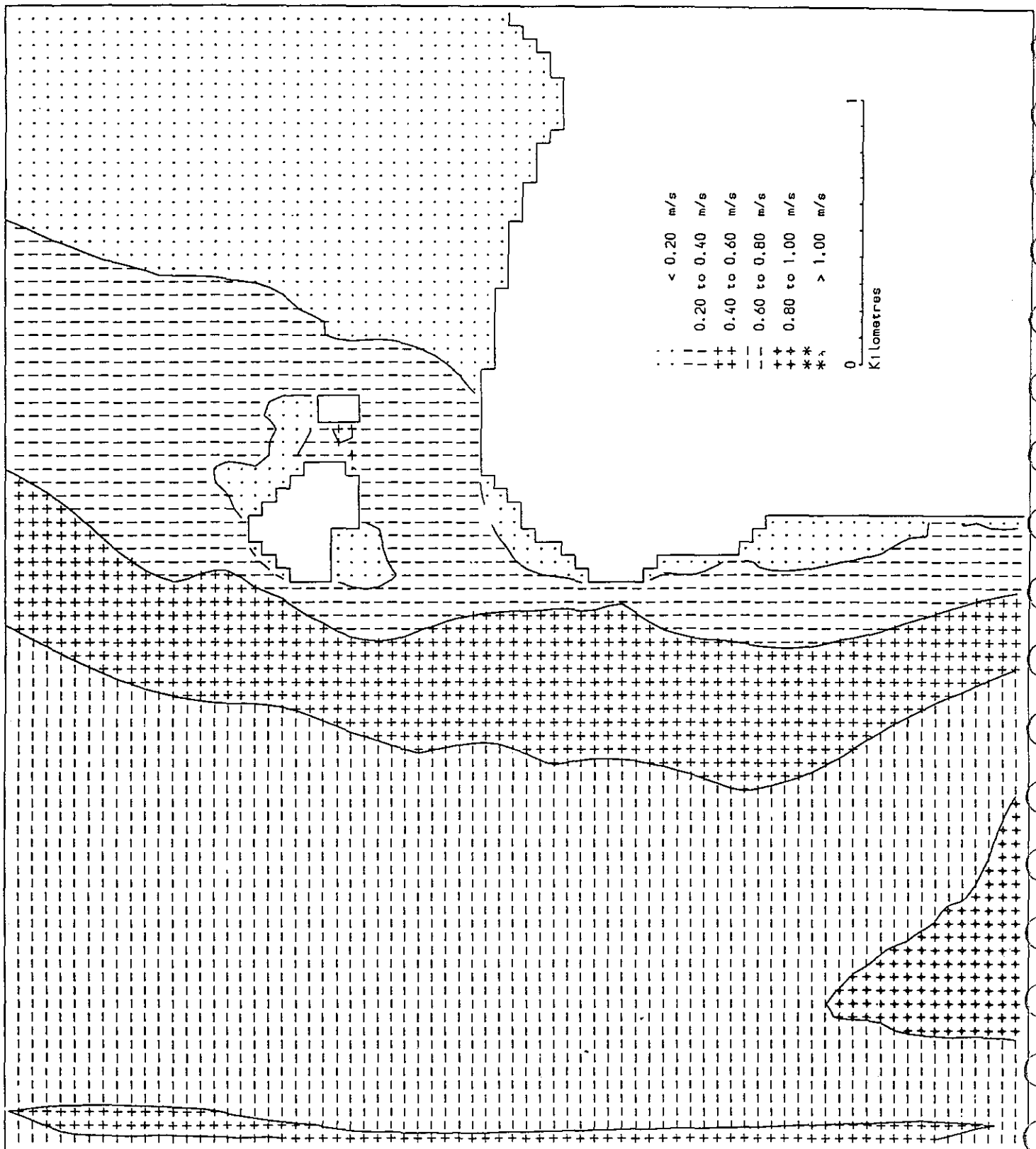


Fig 32c Green Island (50m grid) Model - Upper
Wet season Neap Peak Speed - Case 3

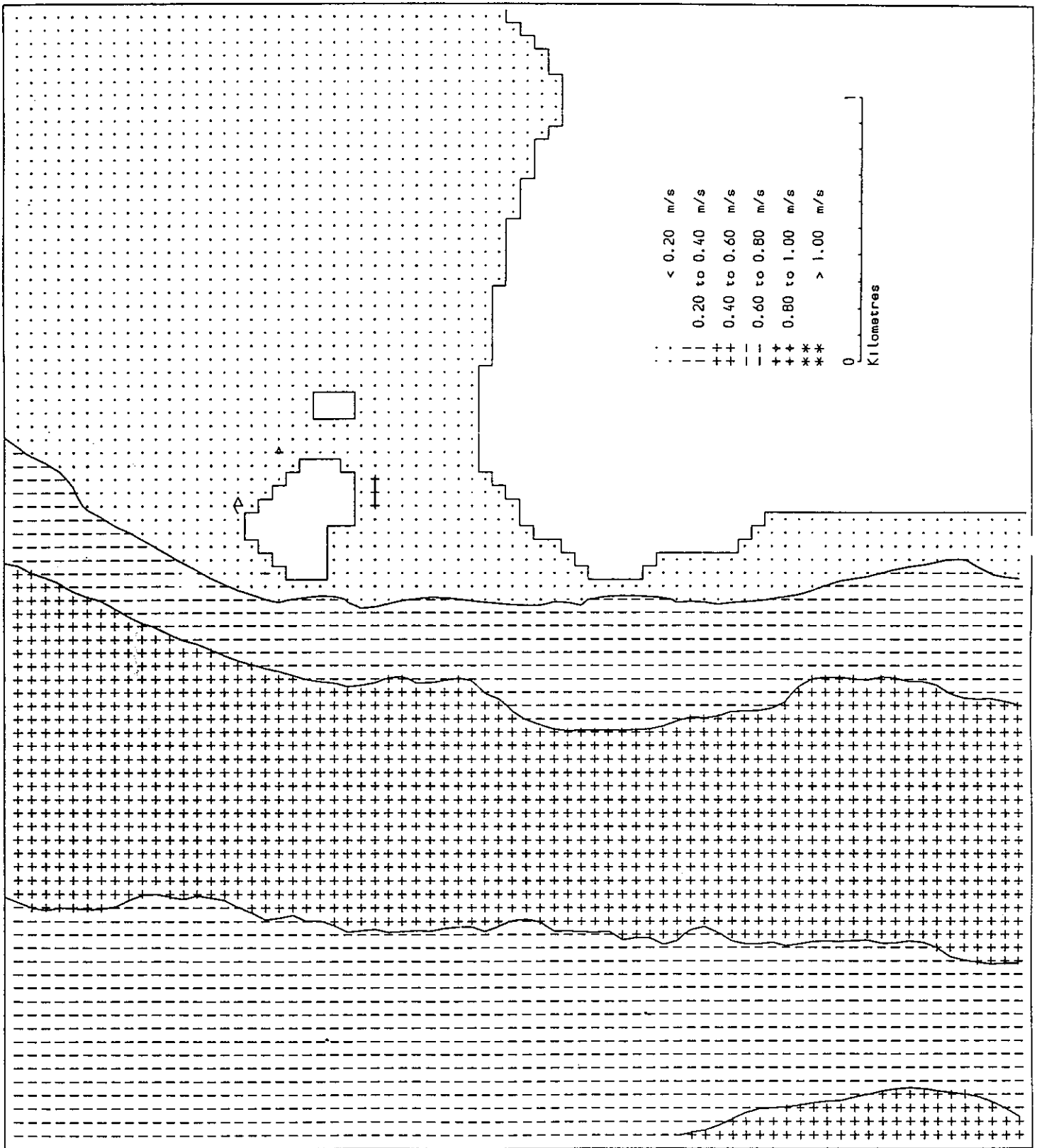


Fig 32d Green Island (50m grid) Model - Lower
 Wet season Neap Peak Speed - Case 3

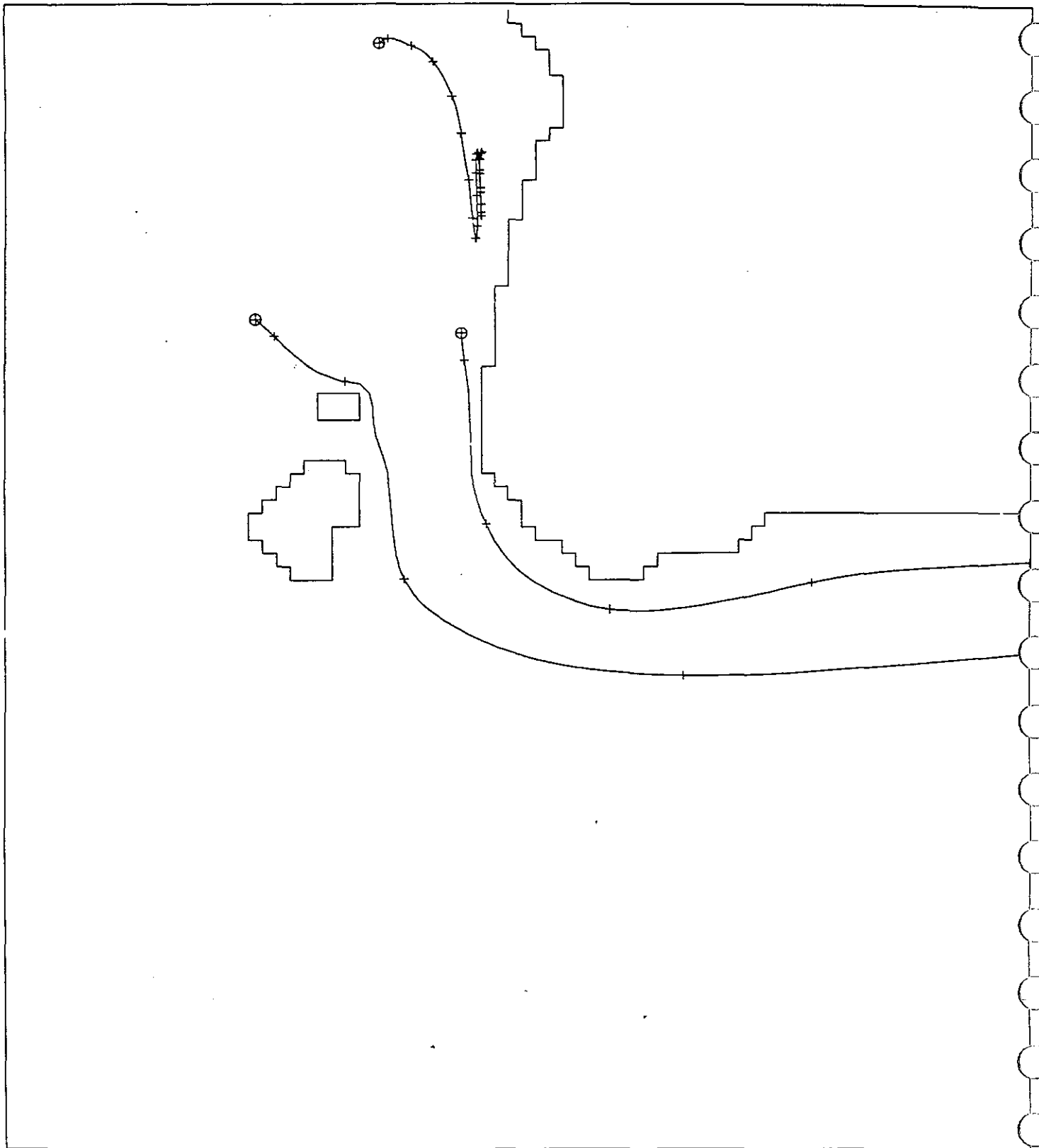


Fig 33a Green Island (50m grid) Model - Case 3
Dry season Spring tide - Released at HHW

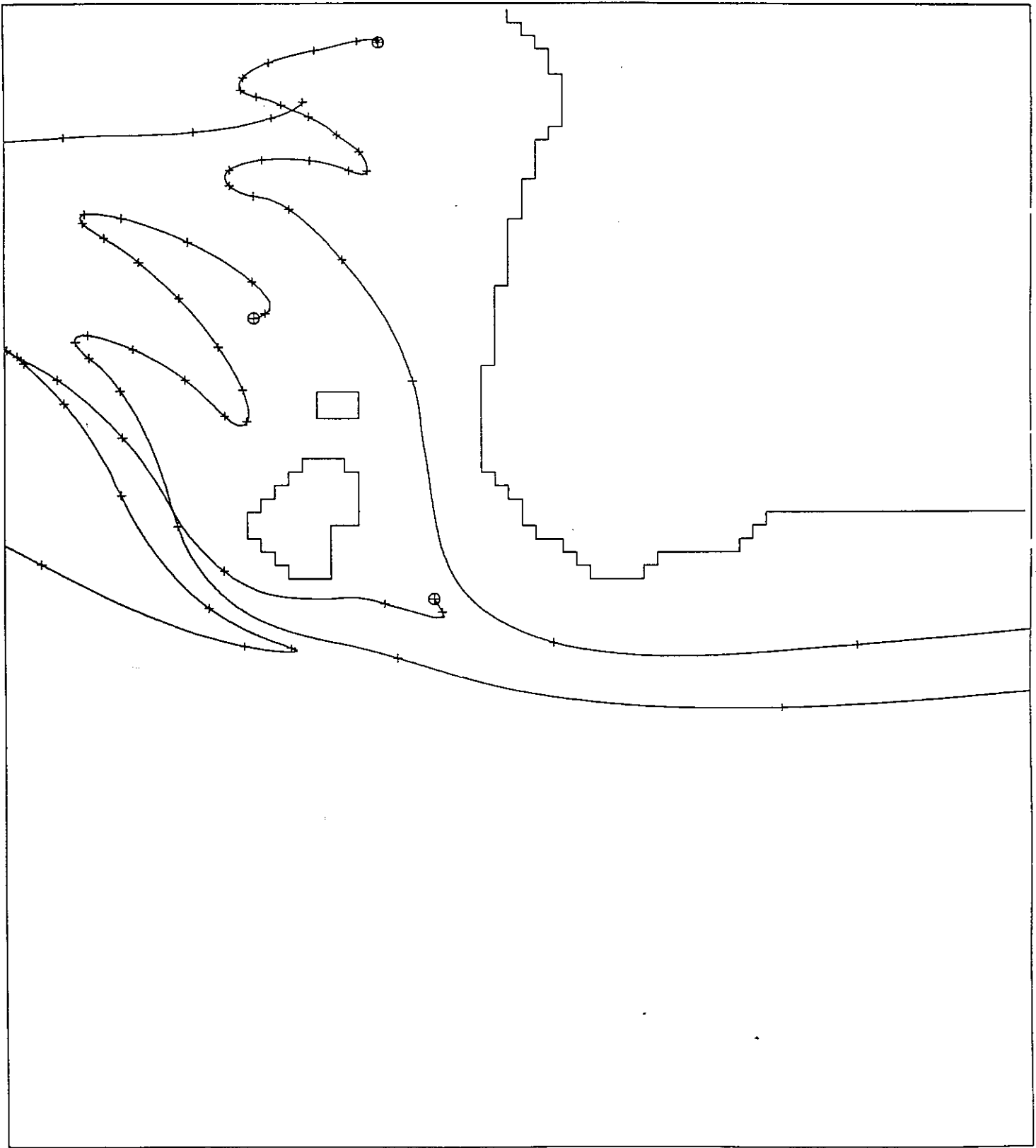


Fig 33b Green Island (50m grid) Model - Case 3
Dry season Spring tide - Released at LLW

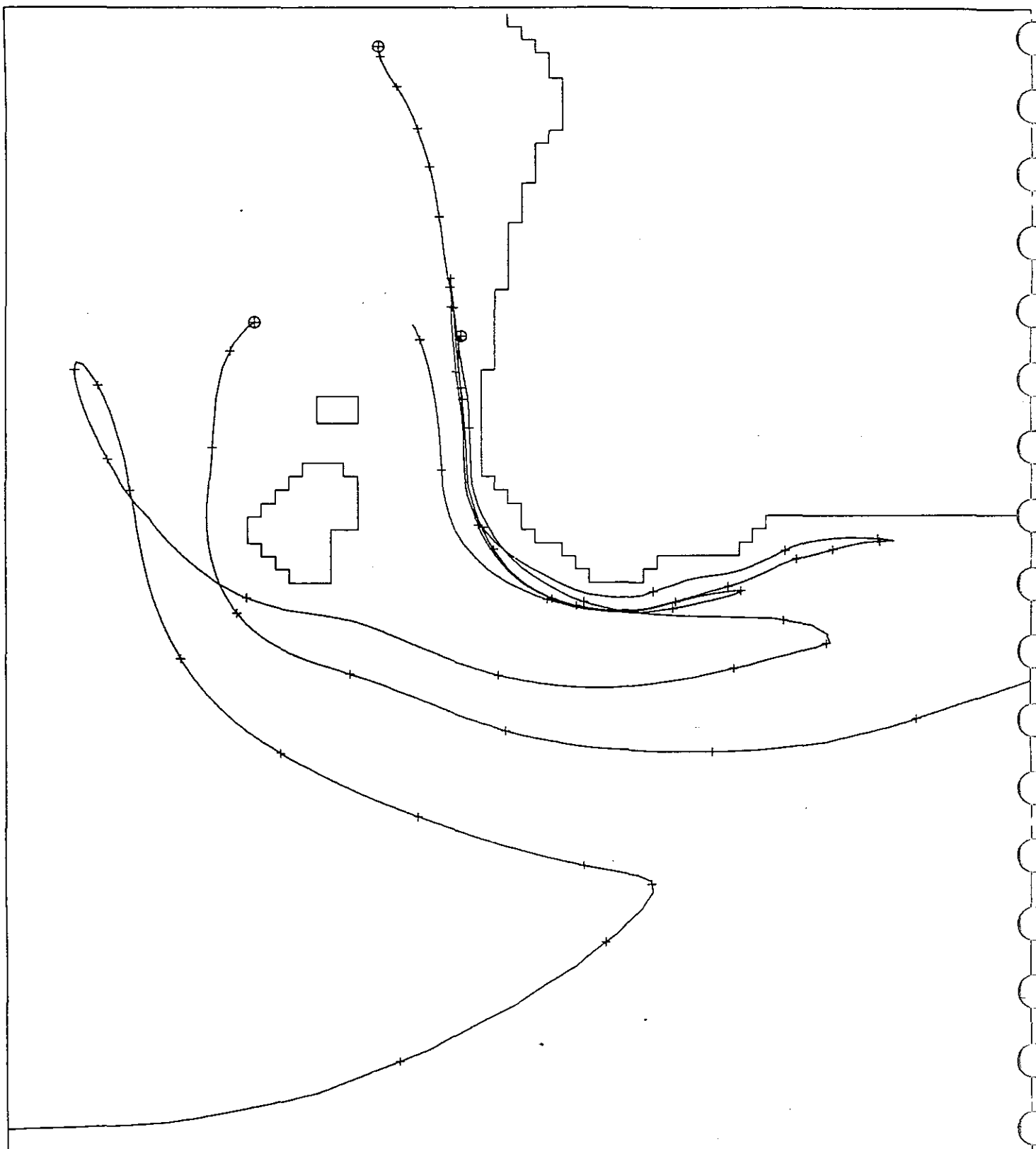


Fig 33c Green Island (50m grid) Model - Case 3
Wet season Neap tide - Released at HHW

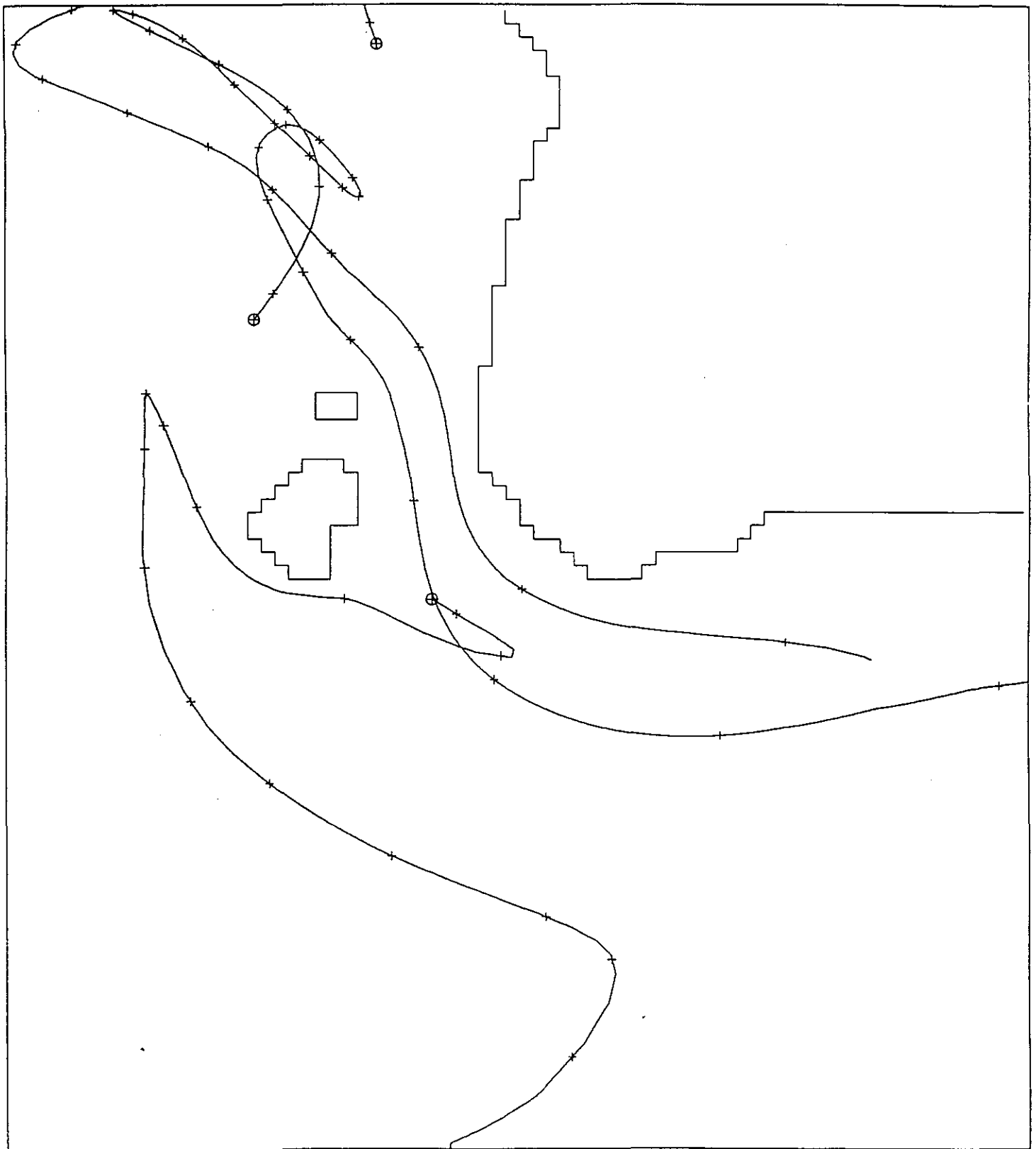
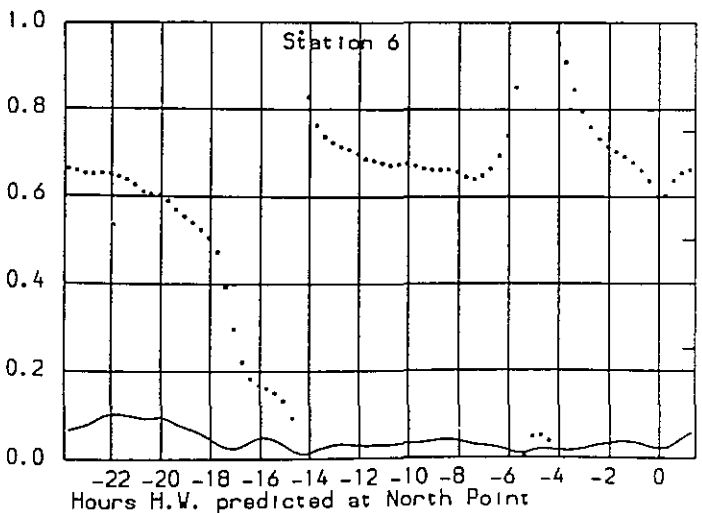
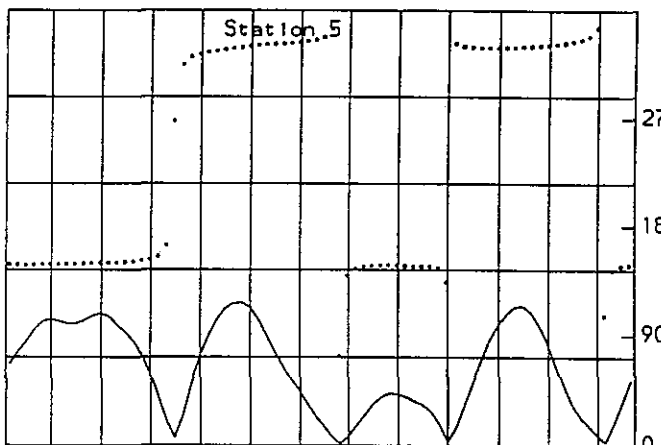
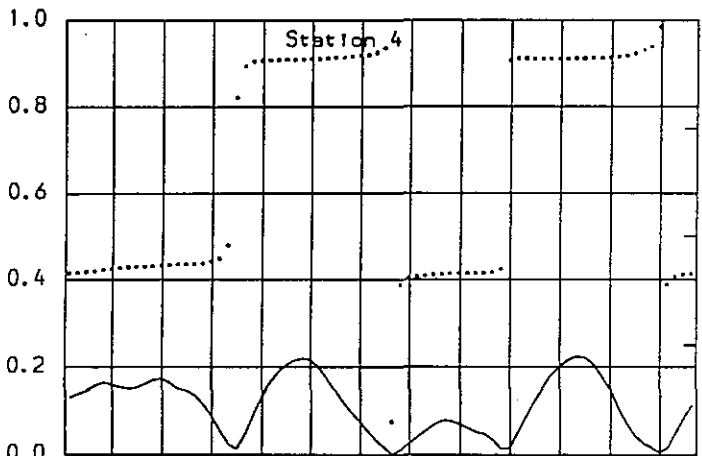
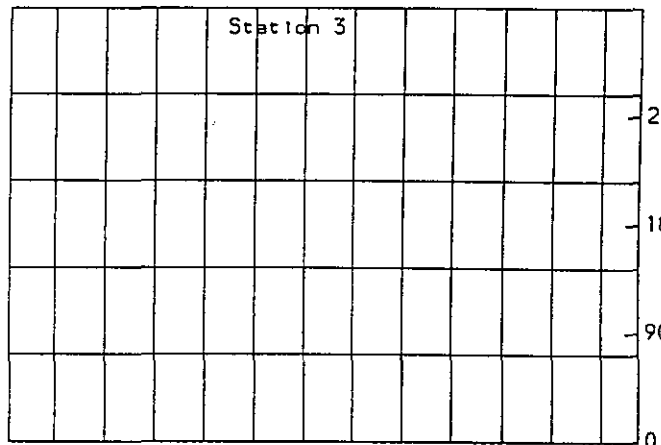
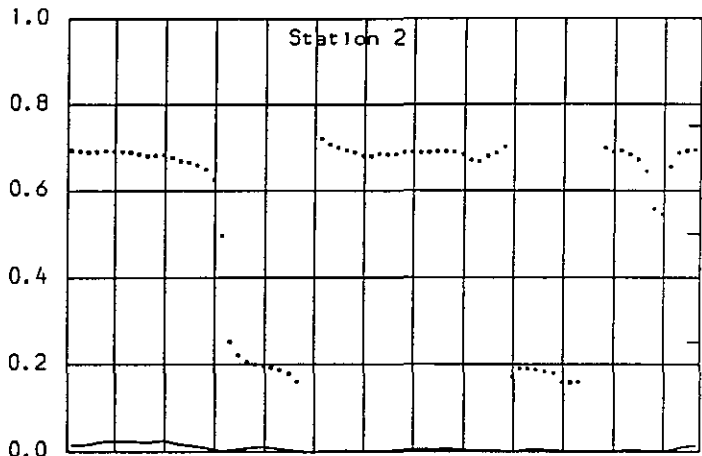
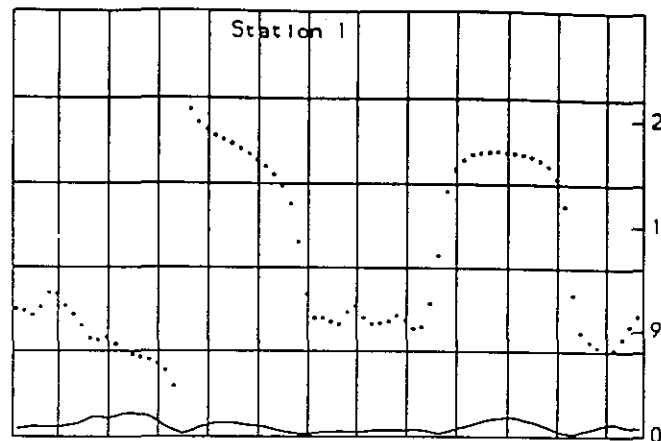
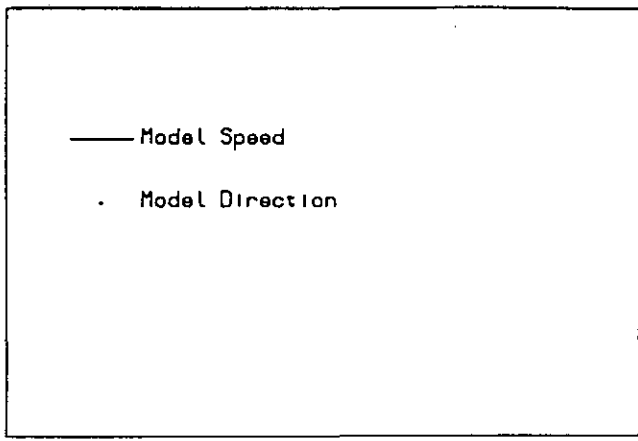


Fig 83d Green Island (50m grid) Model - Case 3
Wet season Neap tide - Released at LLW



-22 -20 -18 -16 -14 -12 -10 -8 -6 -4 -2 0
 Hours H.V. predicted at North Point

Fig 34a Green Island (50m grid) Model - Case 4
 Dry season Spring tide - Upper layer

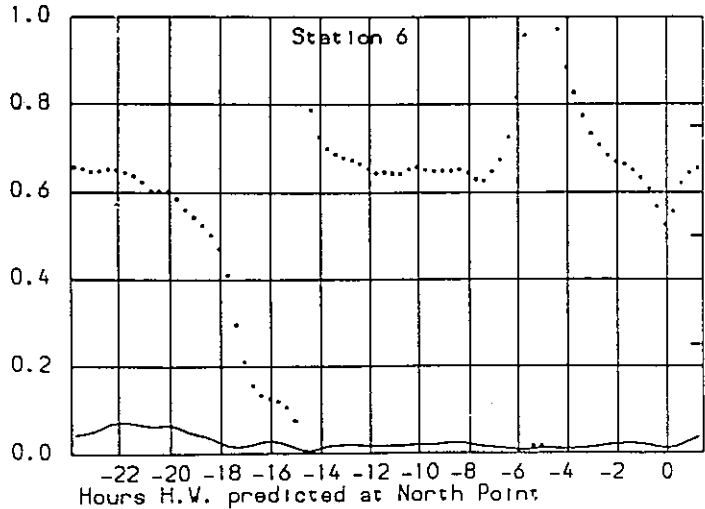
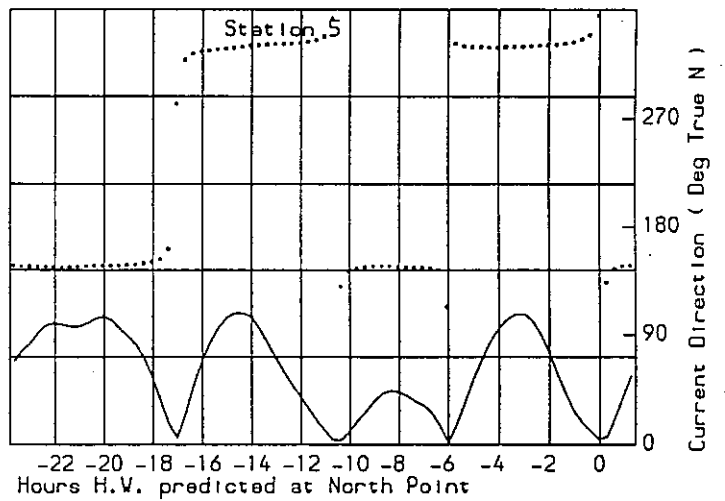
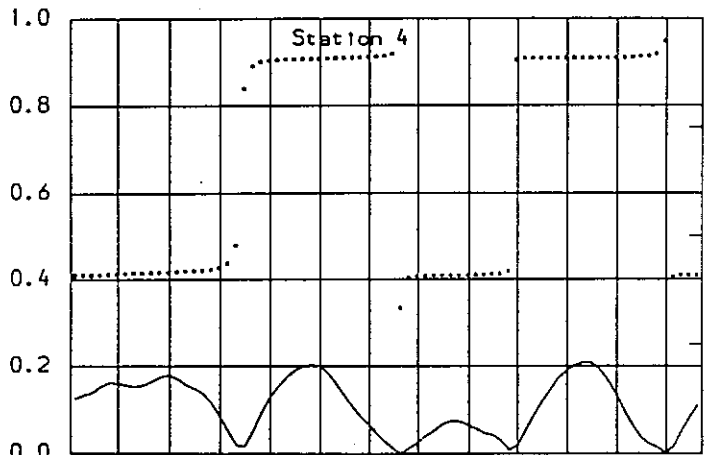
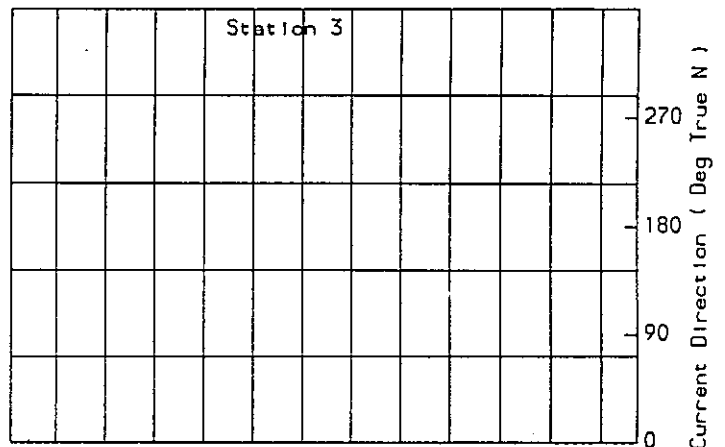
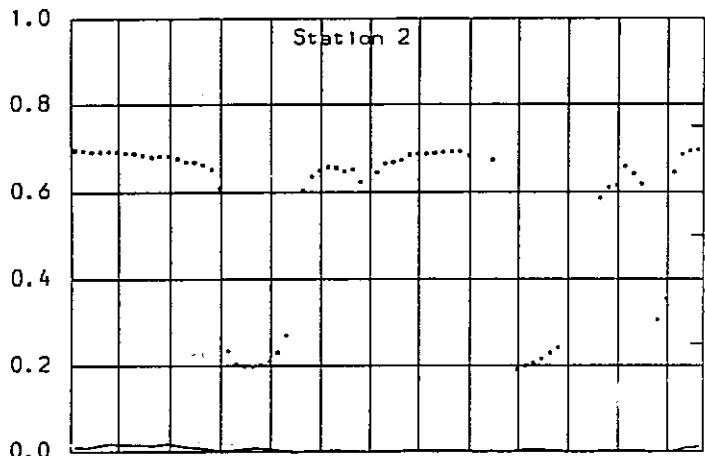
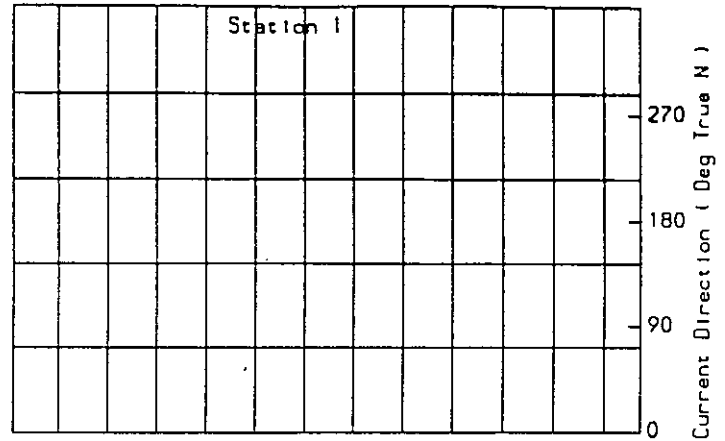
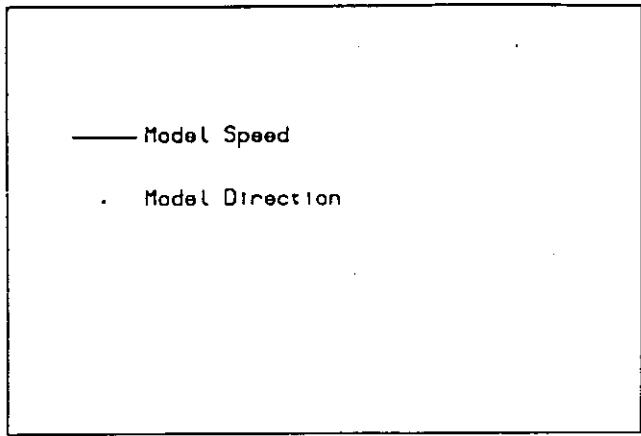
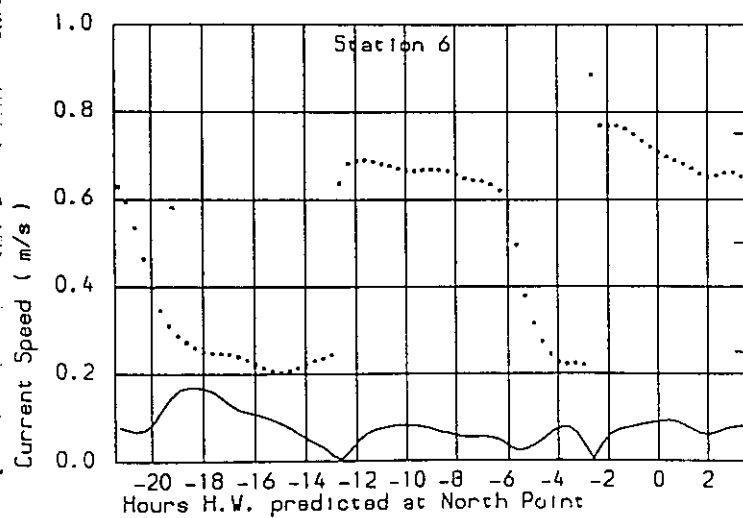
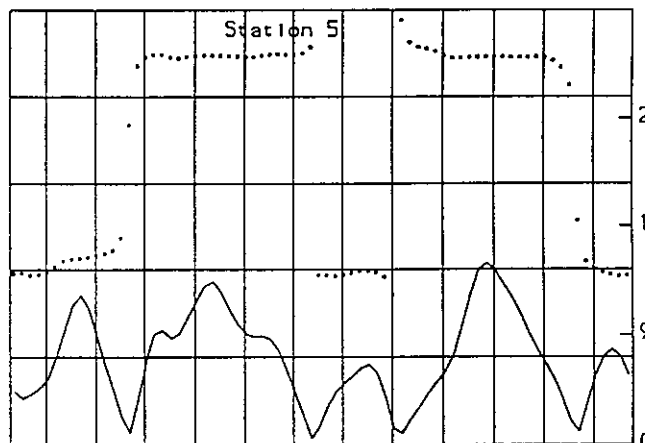
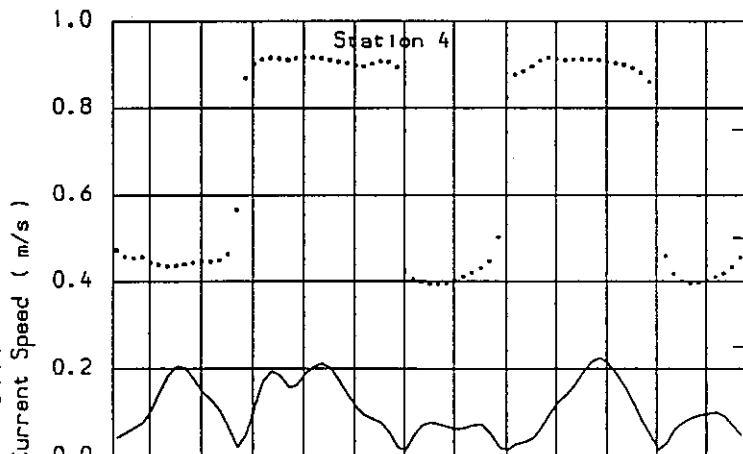
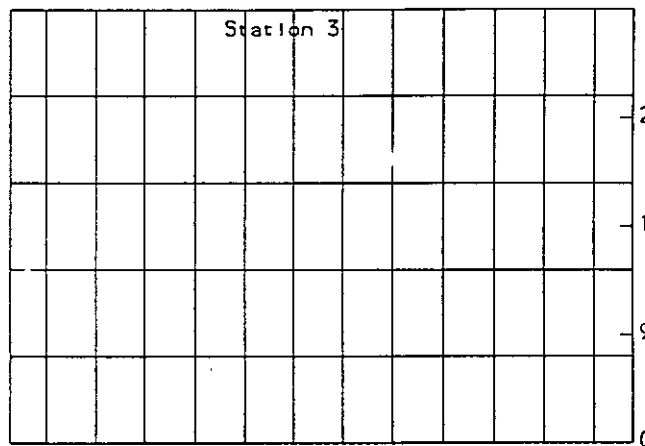
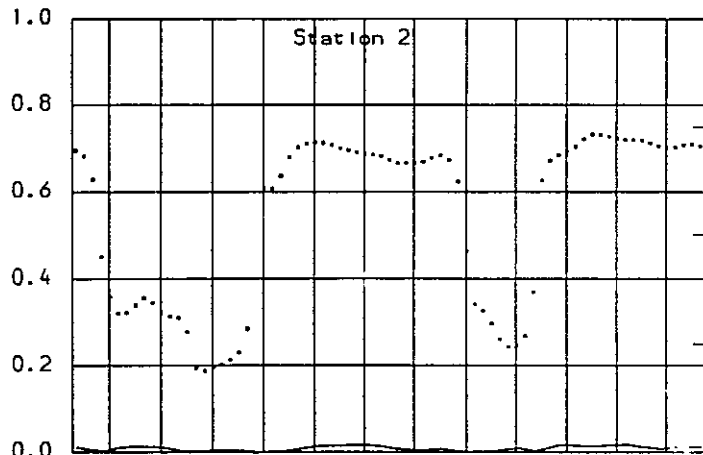
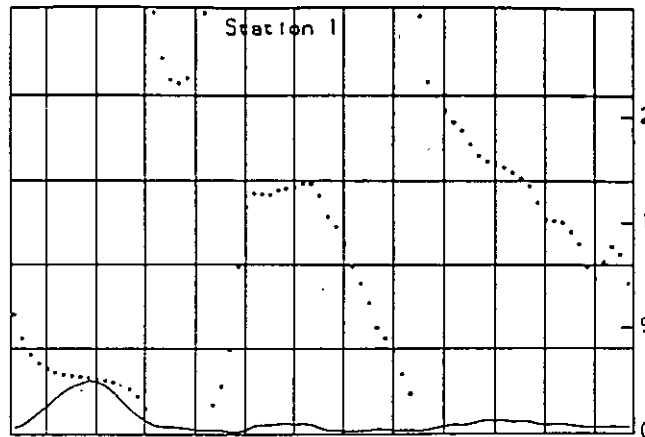
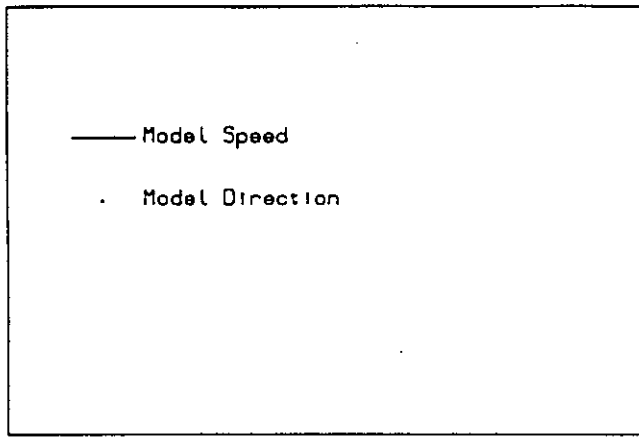


Fig 34b Green Island (50m grid) Model - Case 4
 Dry season Spring tide - Lower layer



Hours H.W. predicted at North Point

Fig 34c Green Island (50m grid) Model - Case 4
 Wet season Neap tide - Upper layer

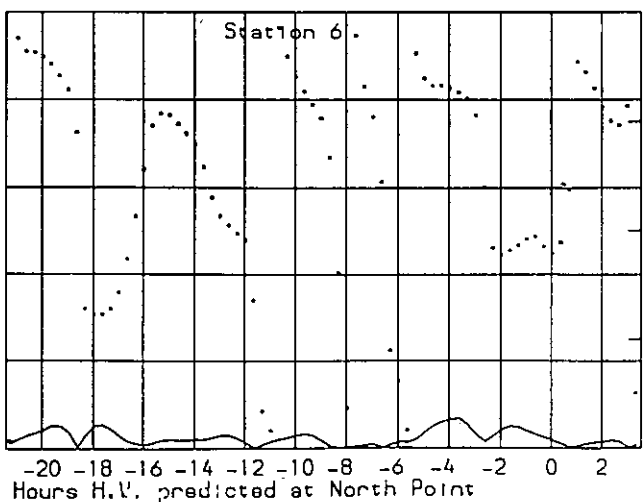
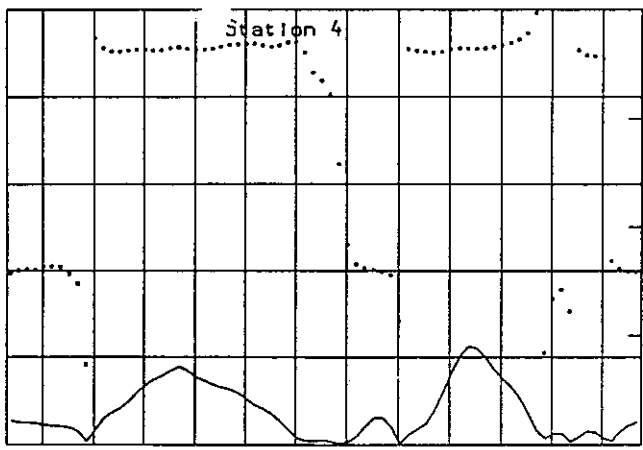
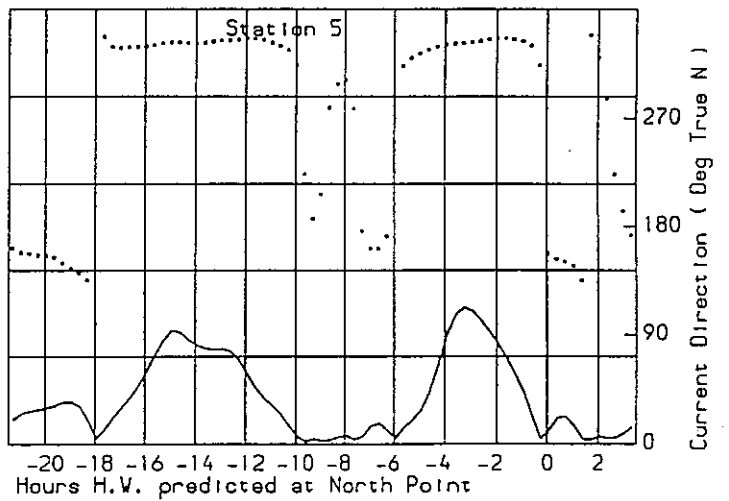
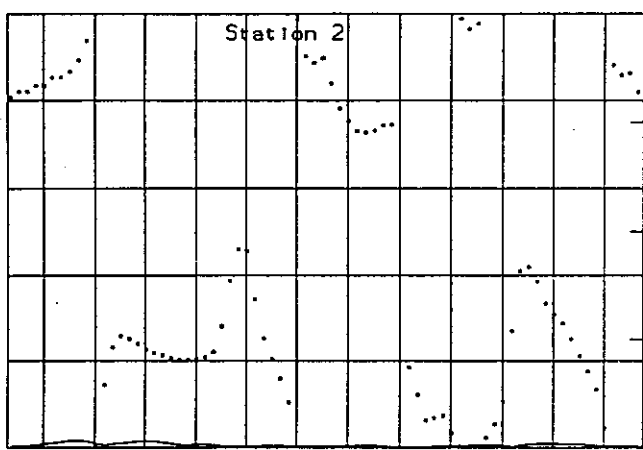
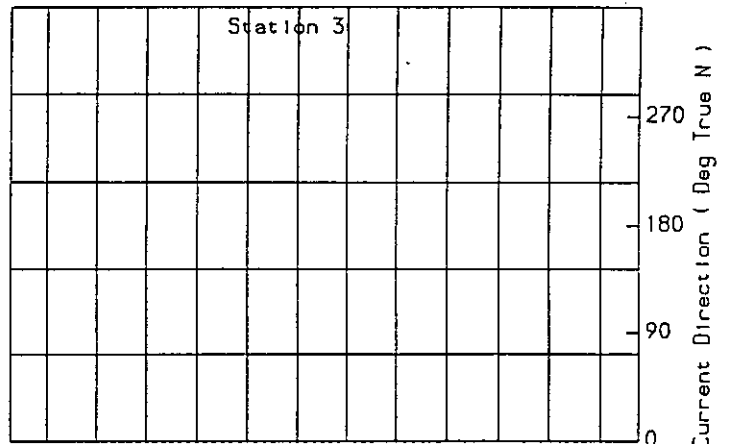
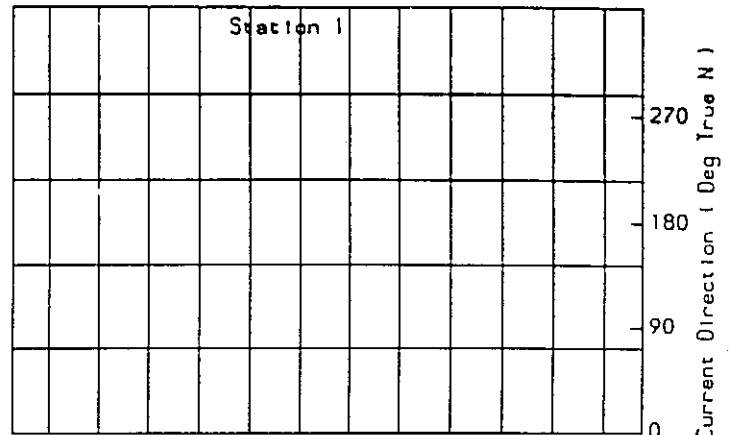
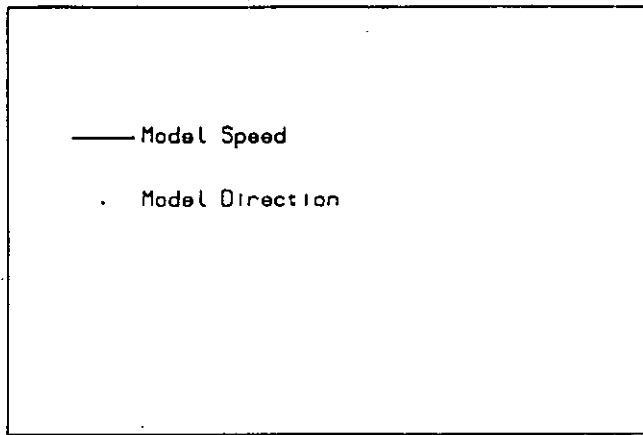


Fig 34d Green Island (50m grid) Model - Case 4
 Wet season Neap tide - Lower layer

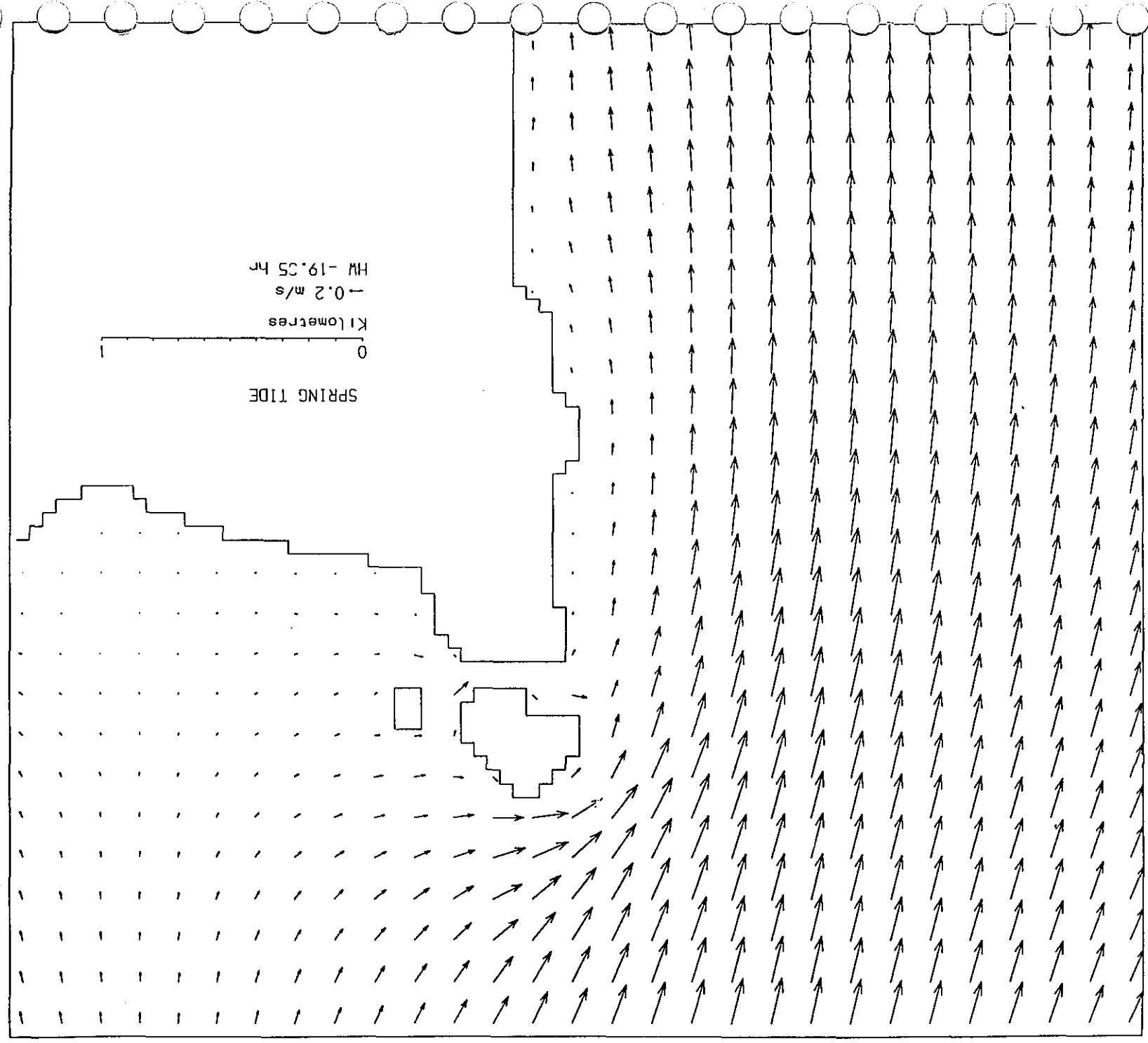


Fig 36a Green Island (50m grid) Model - Case 4
Dry season Spring Ebb - Upper layer

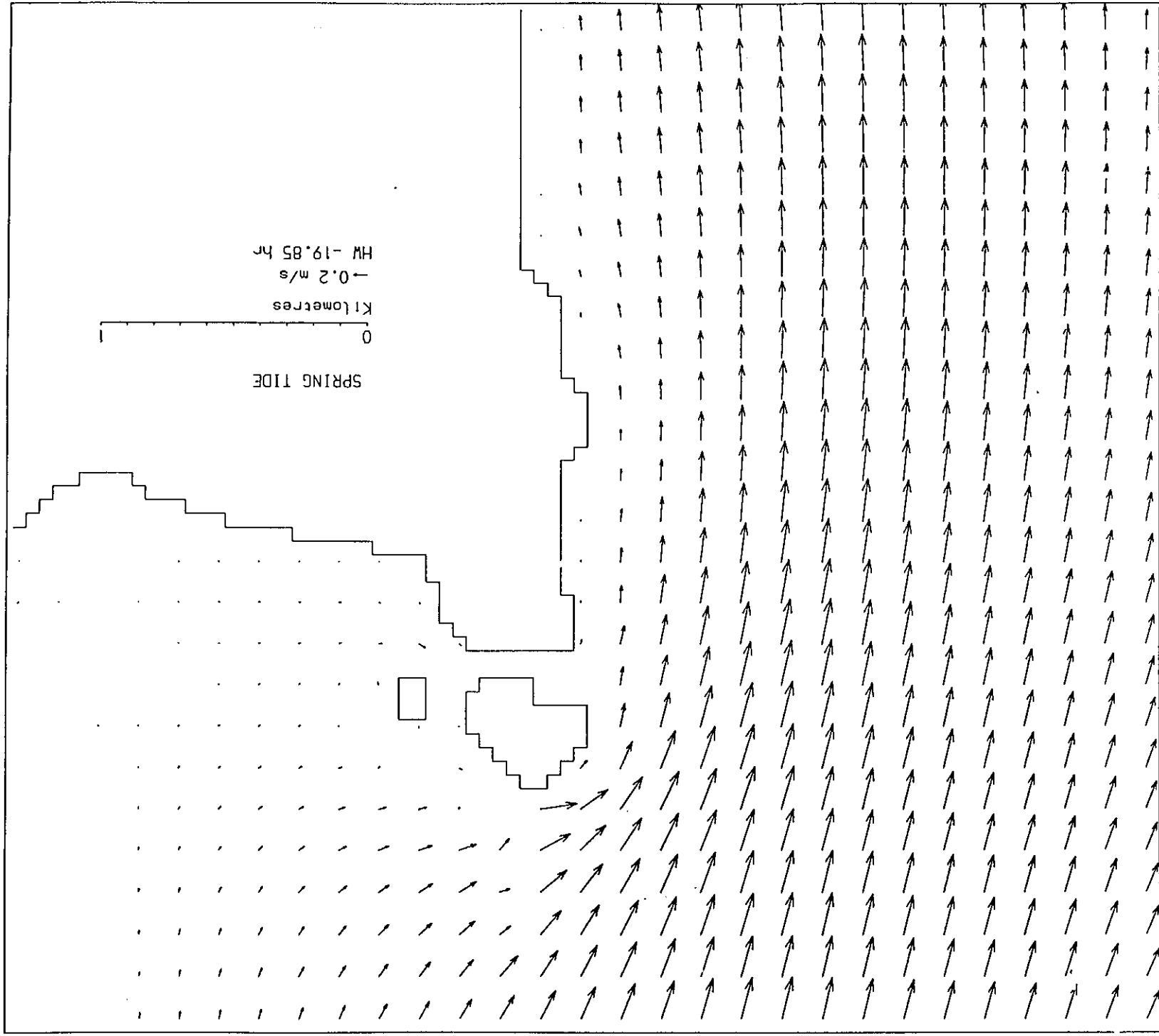


Fig 35b Green Island (50m grid) Model - Case 4
Dry season Spring Ebb - Lower layer

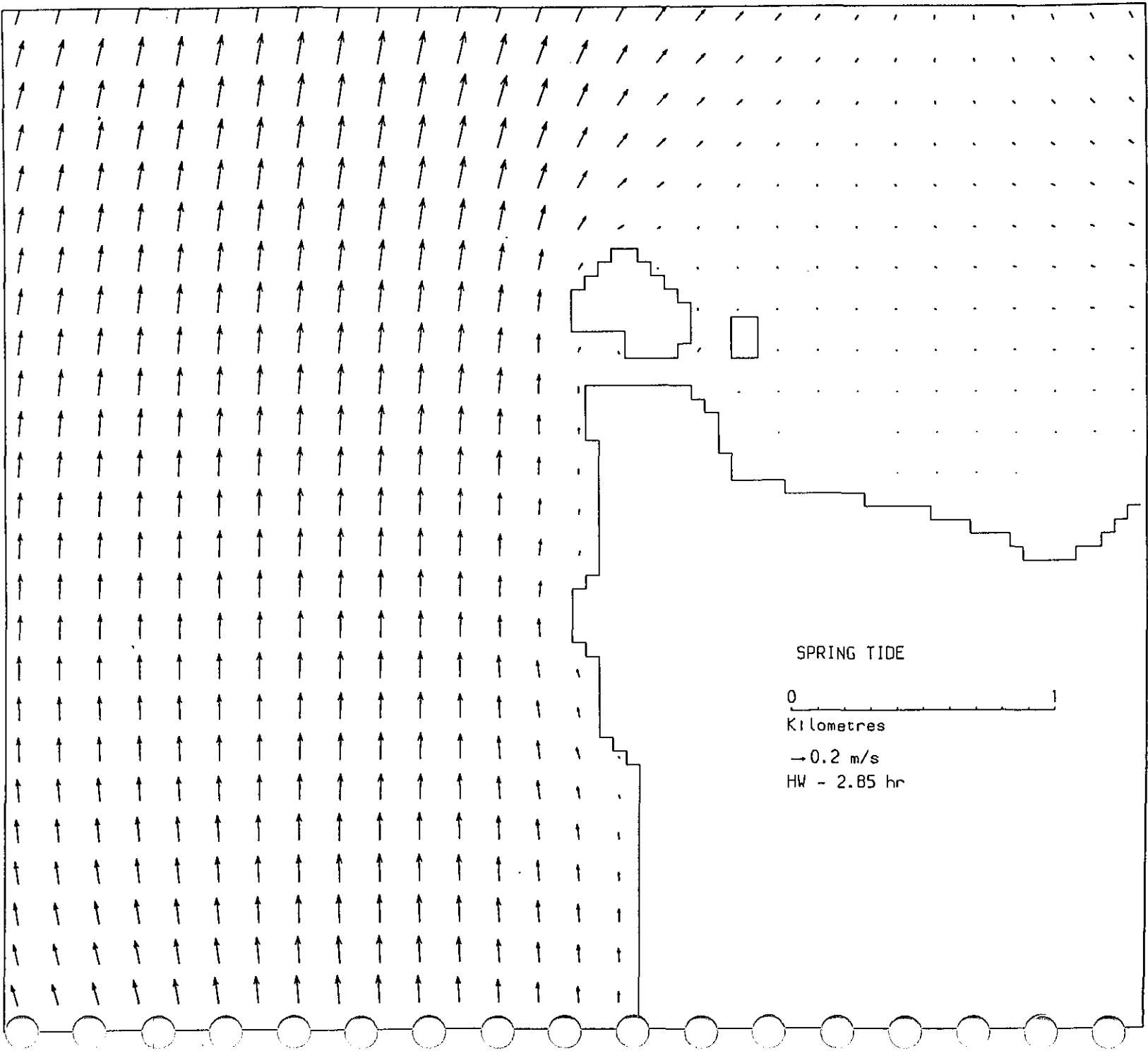


Fig 35c Green Island (50m grid) Model - Case 4
Dry season Spring Flood - Upper layer

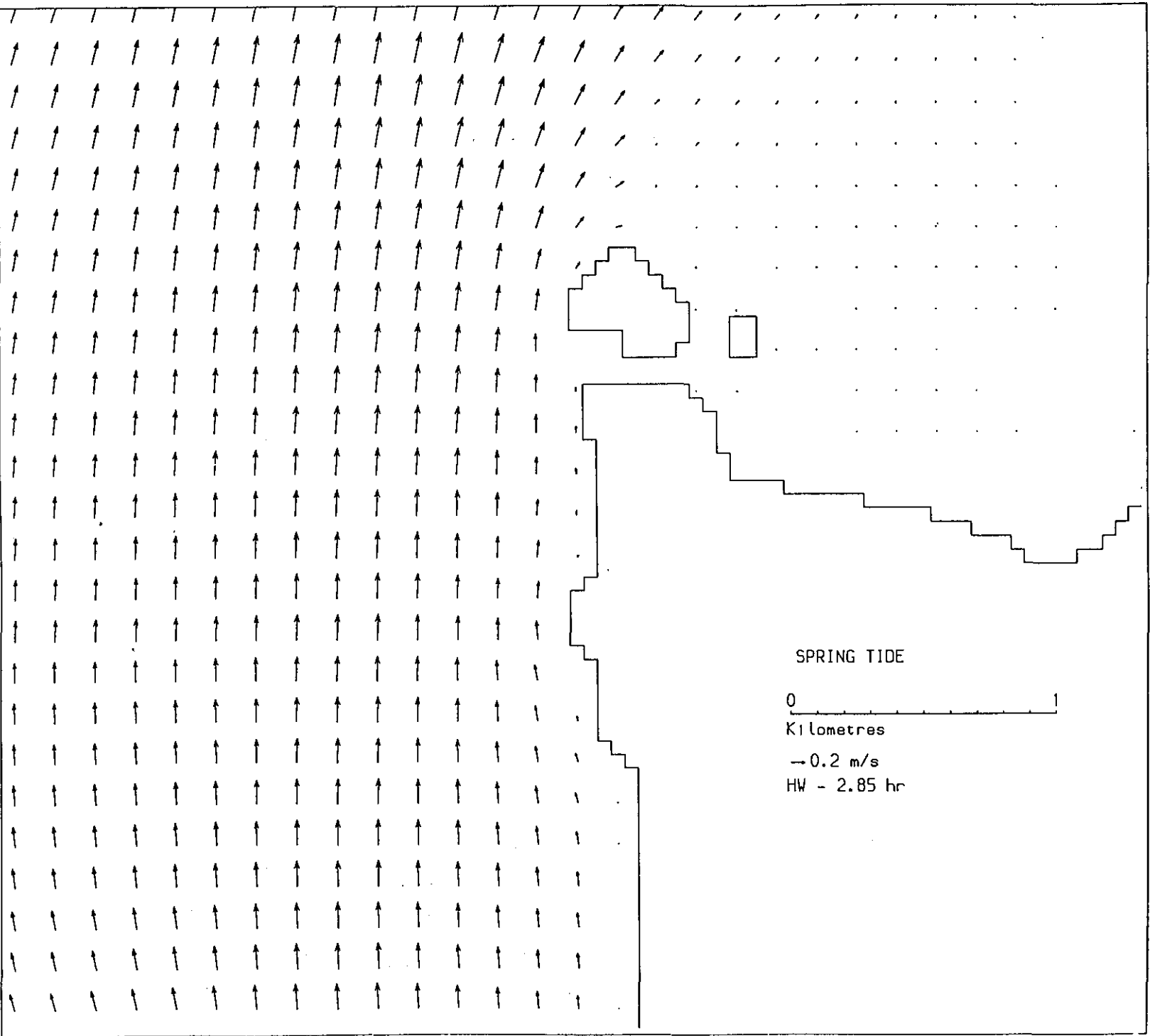


Fig 35d Green Island (50m grid) Model - Case 4
Dry season Spring Flood - Lower layer

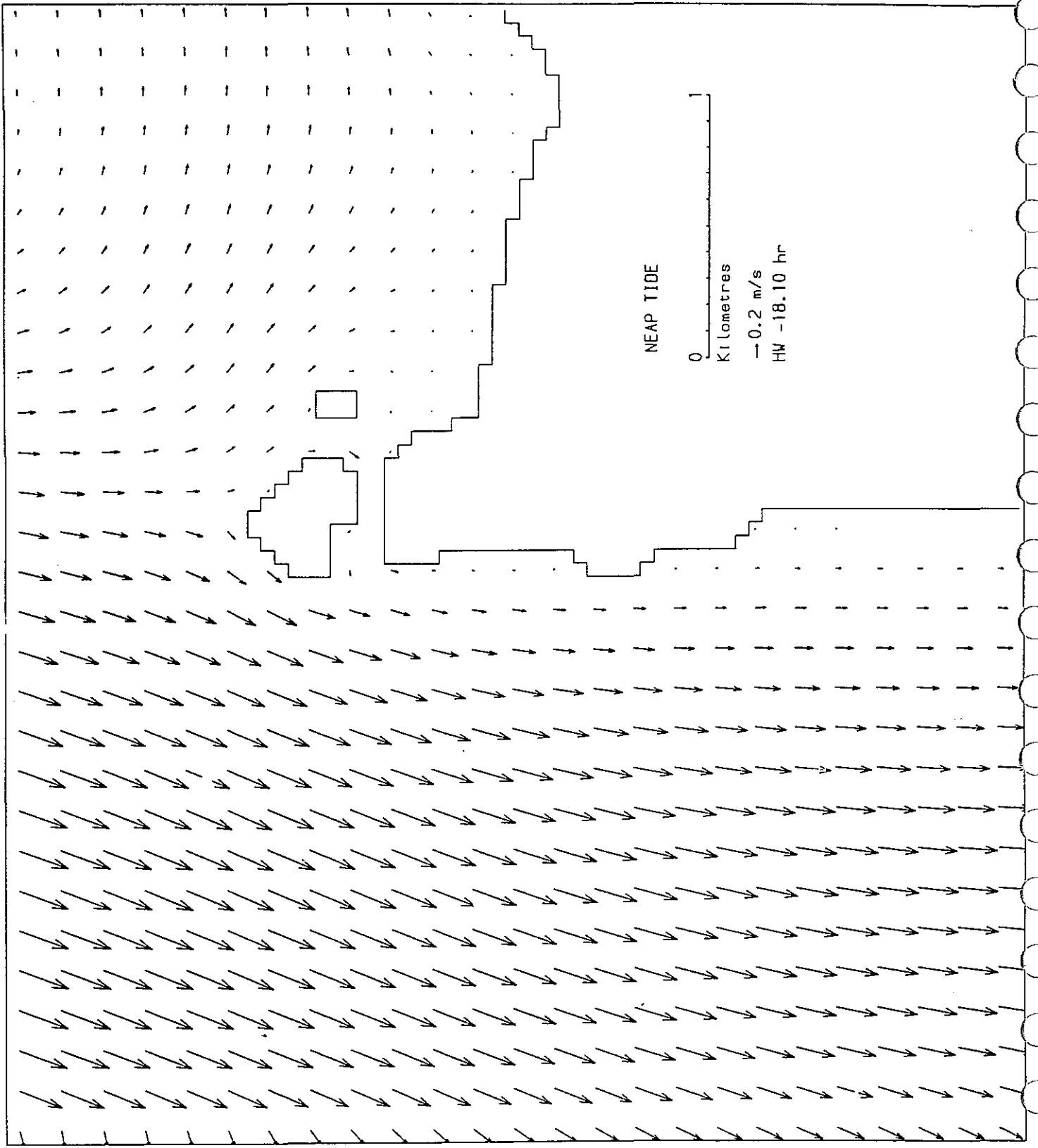


Fig 35e Green Island (50m grid) Model - Case 4
Wet season Neap Ebb - Upper layer

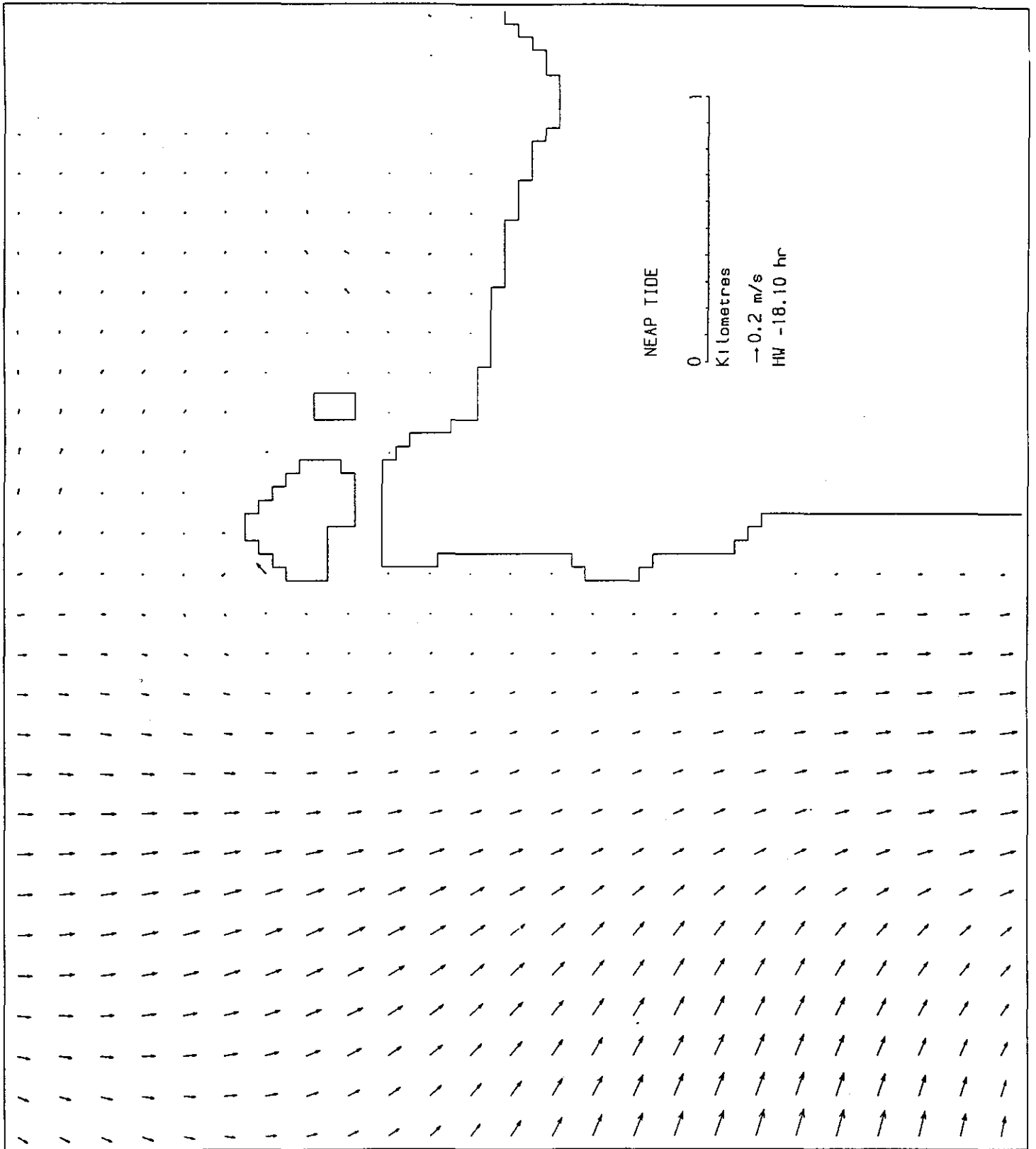


Fig 35f Green Island (50m grid) Model - Case 4
Wet season Neap Ebb - Lower layer

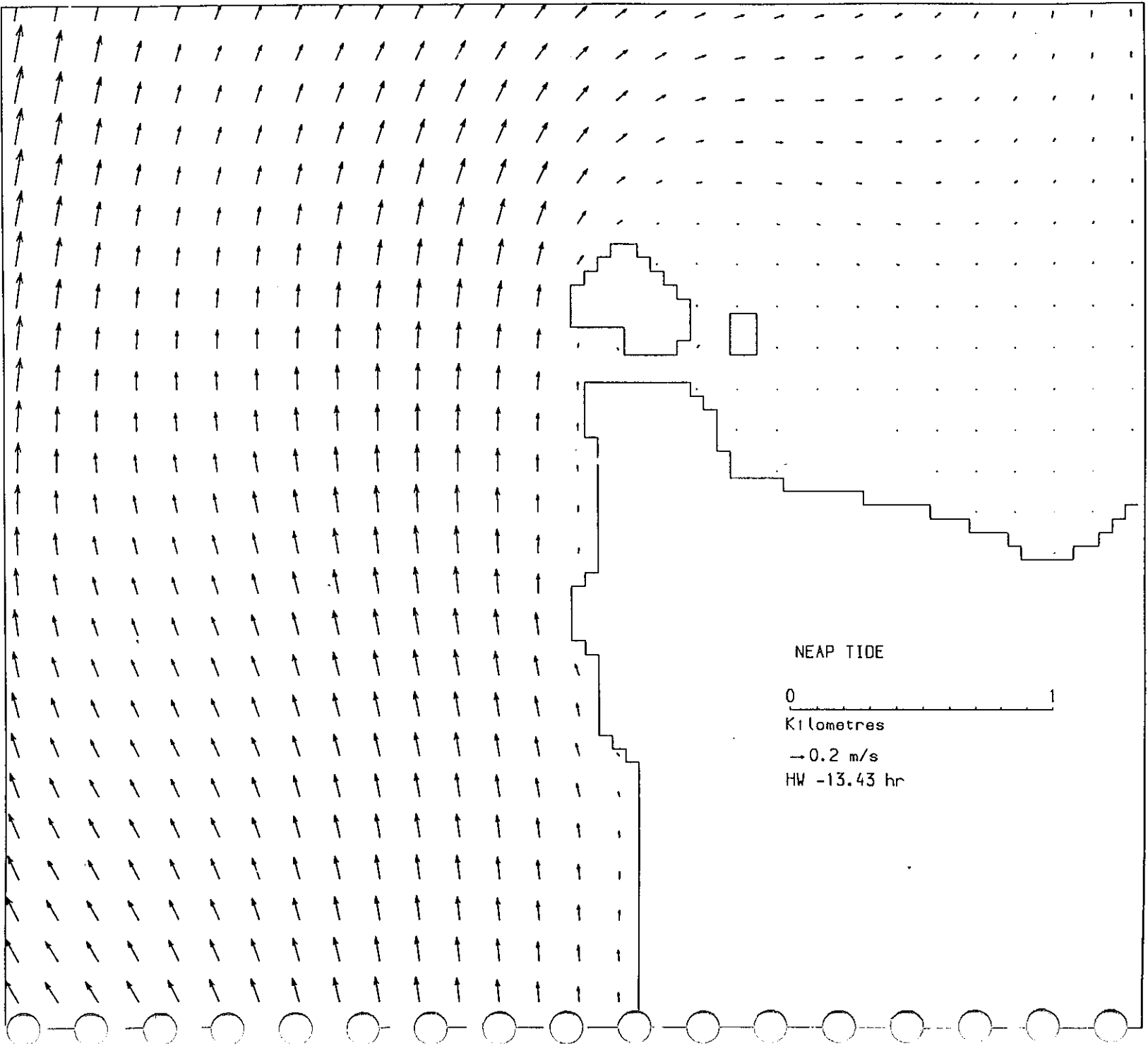
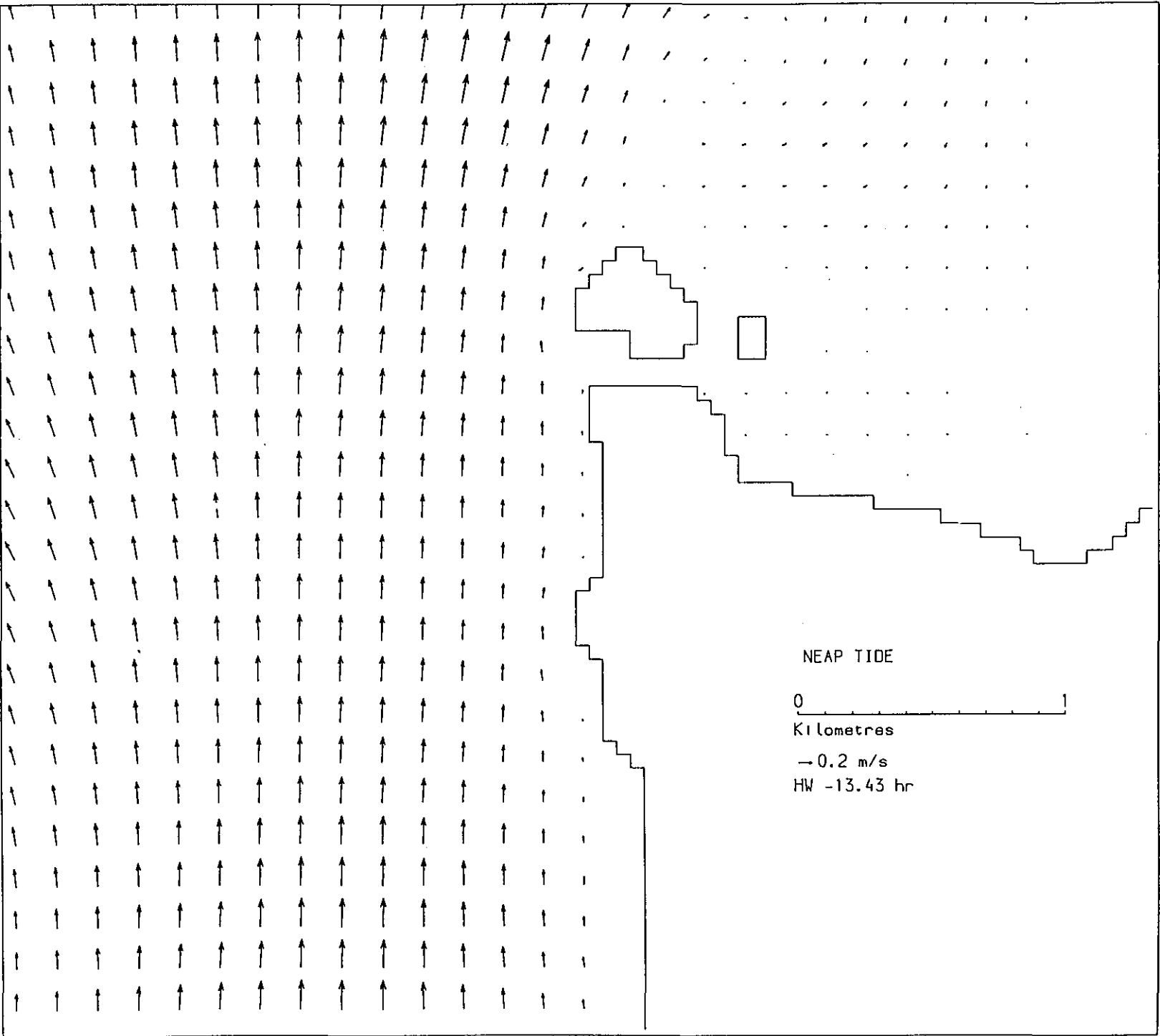


Fig 35a Green Island (50m grid) Model - Case 4
Wet season Neap Flood - Upper layer



NEAP TIDE
0
Kilometres
→ 0.2 m/s
HW -13.43 hr

Fig 35h Green Island (50m grid) Model - Case 4
Wet season Neap Flood - Lower layer

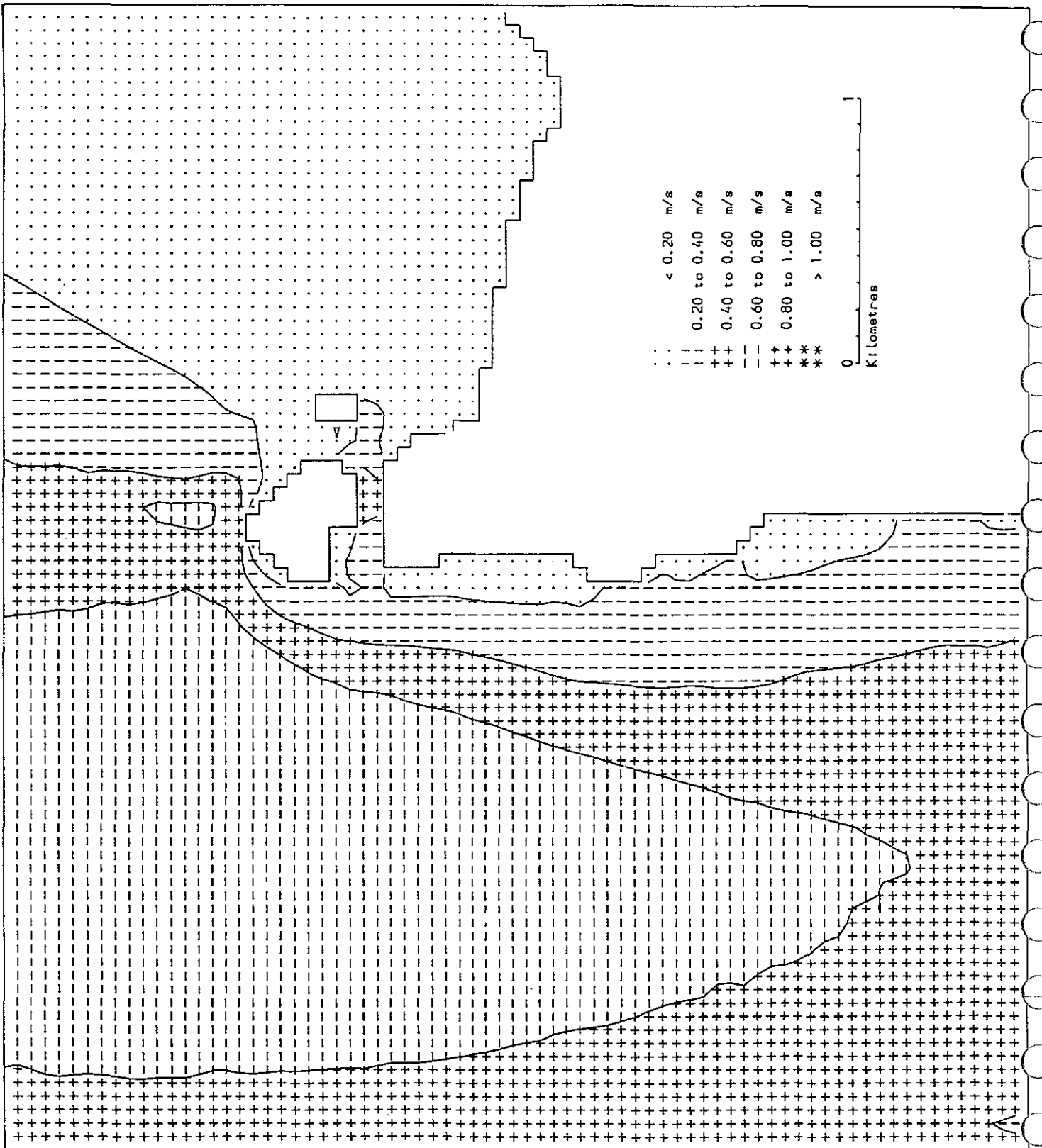


Fig 36a Green Island (50m grid) Model - Upper
 Dry season Spring Peak Speed - Case 4

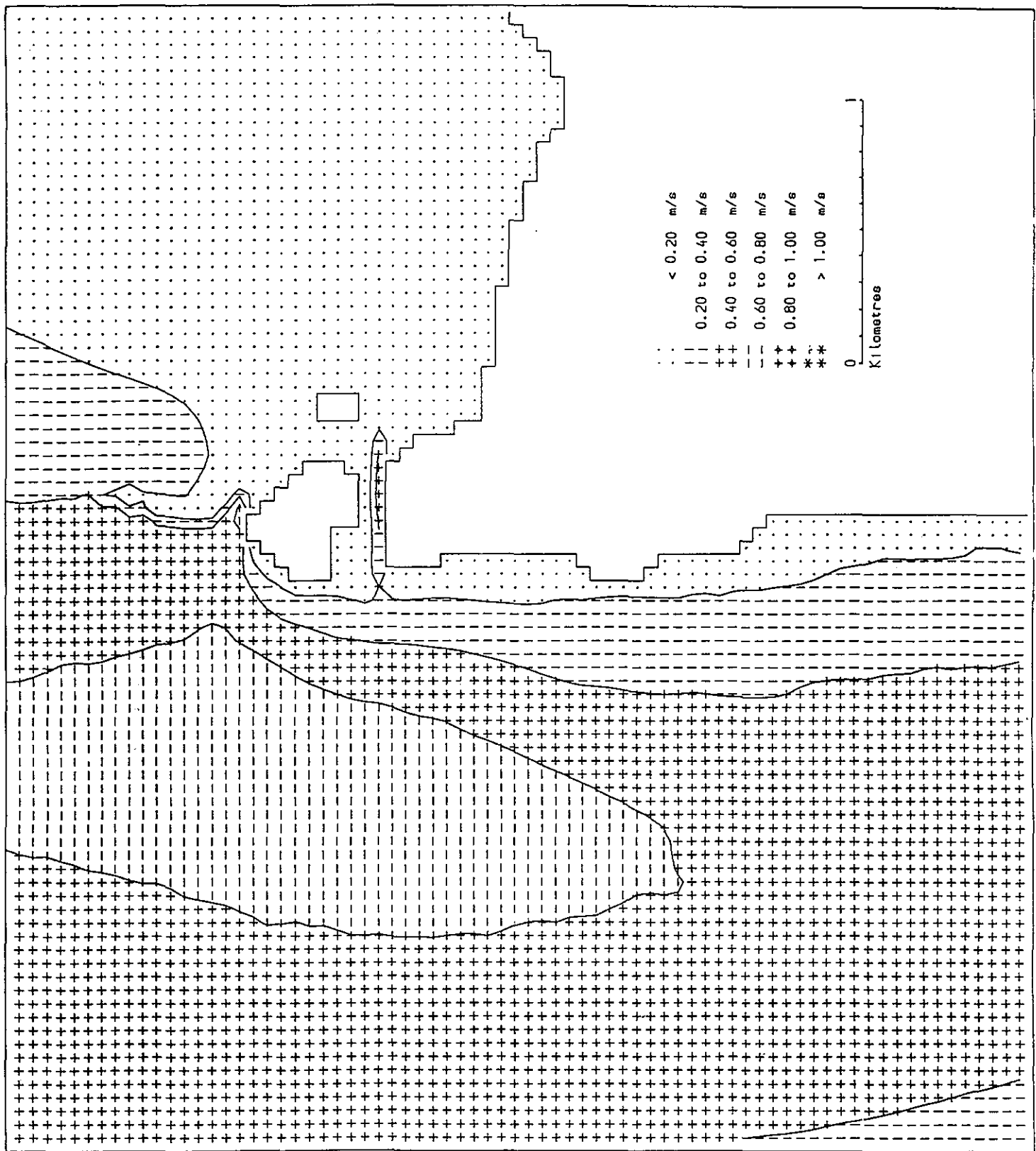


Fig 36b Green Island (50m grid) Model - Lower Dry season Spring Peak Speed - Case 4

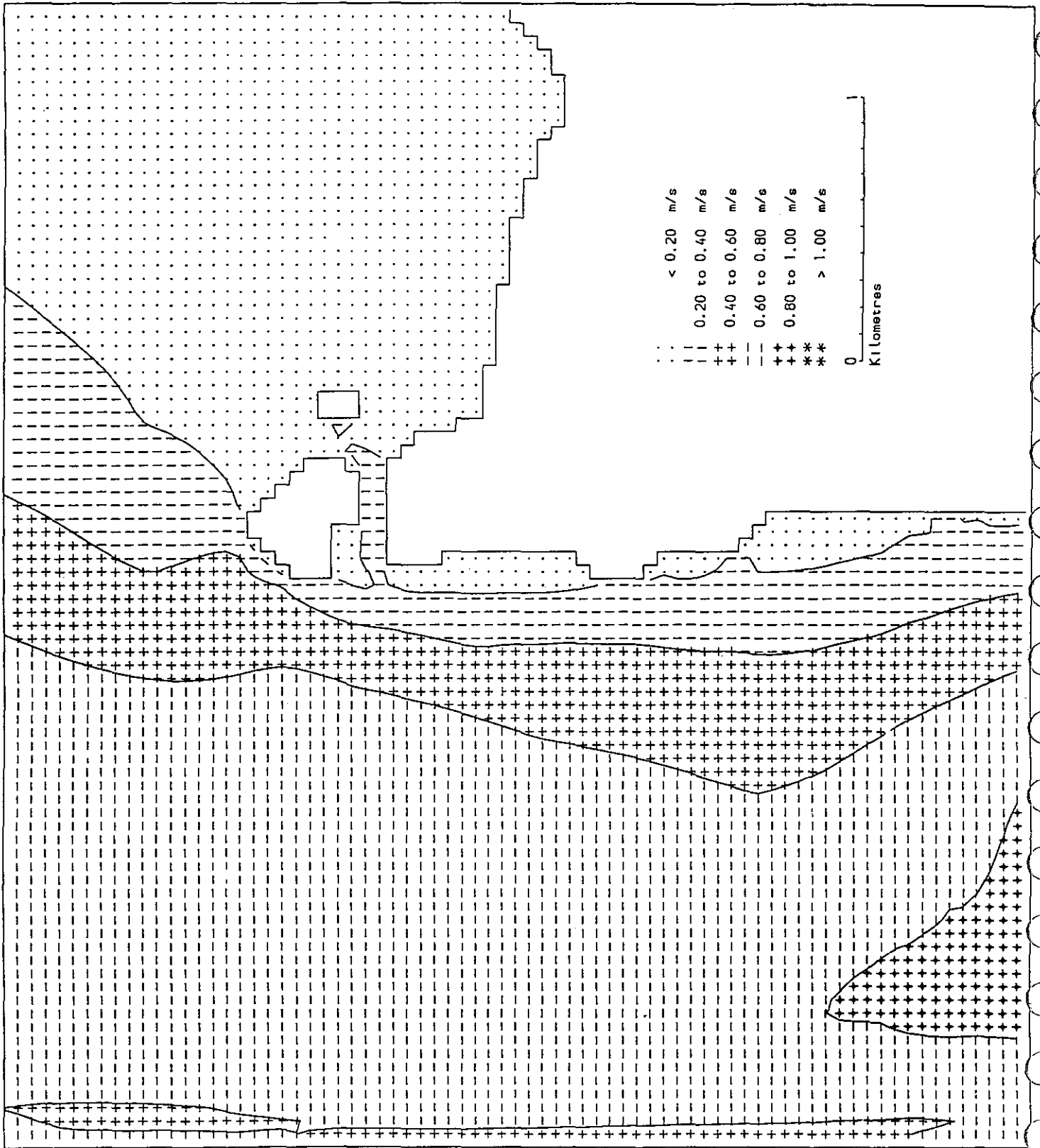


Fig 3_{6c} Green Island (50m grid) Model - Upper Wet season Neap Peak Speed - Case 4

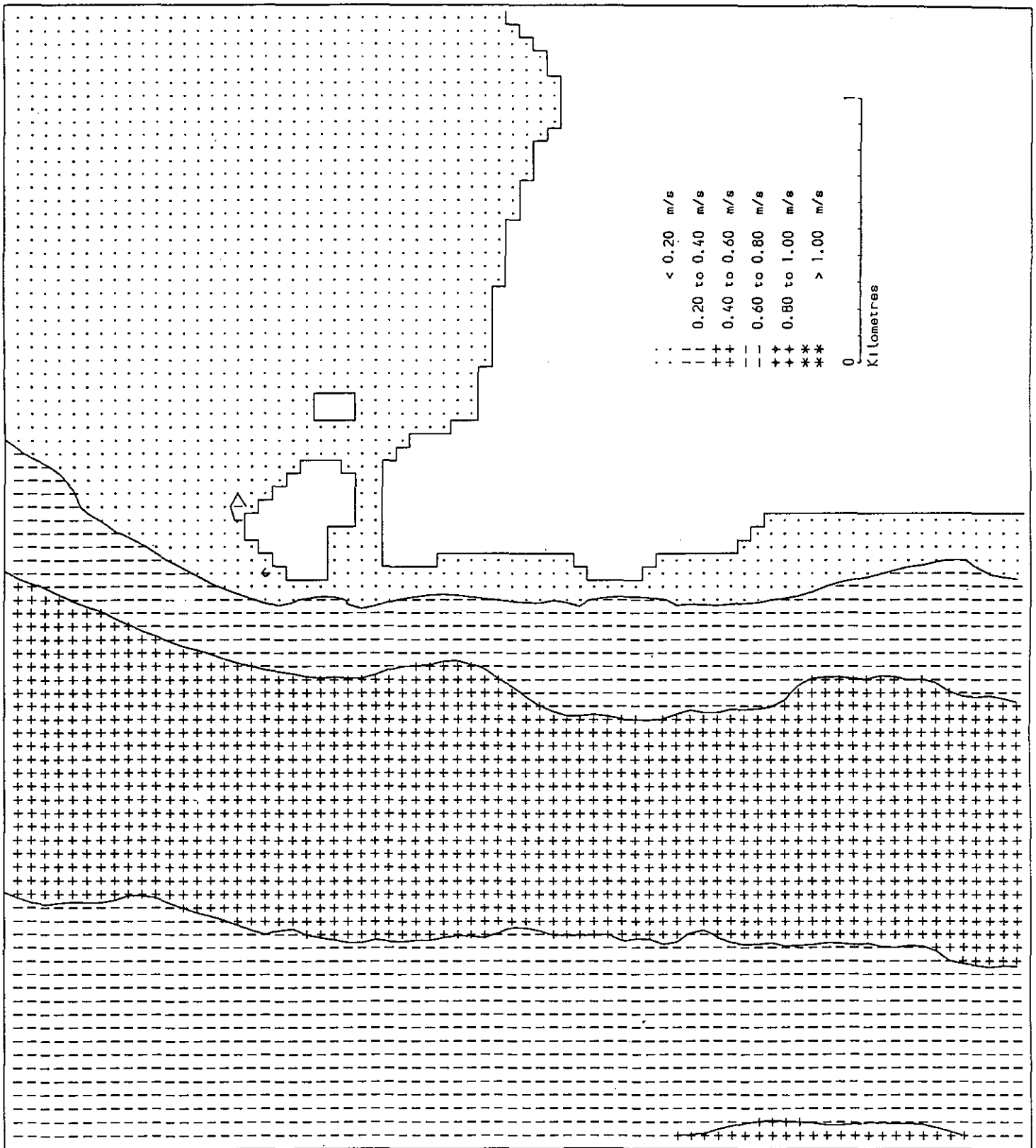


Fig 36d Green Island (50m grid) Model - Lower
 Wet season Neap Peak Speed - Case 4

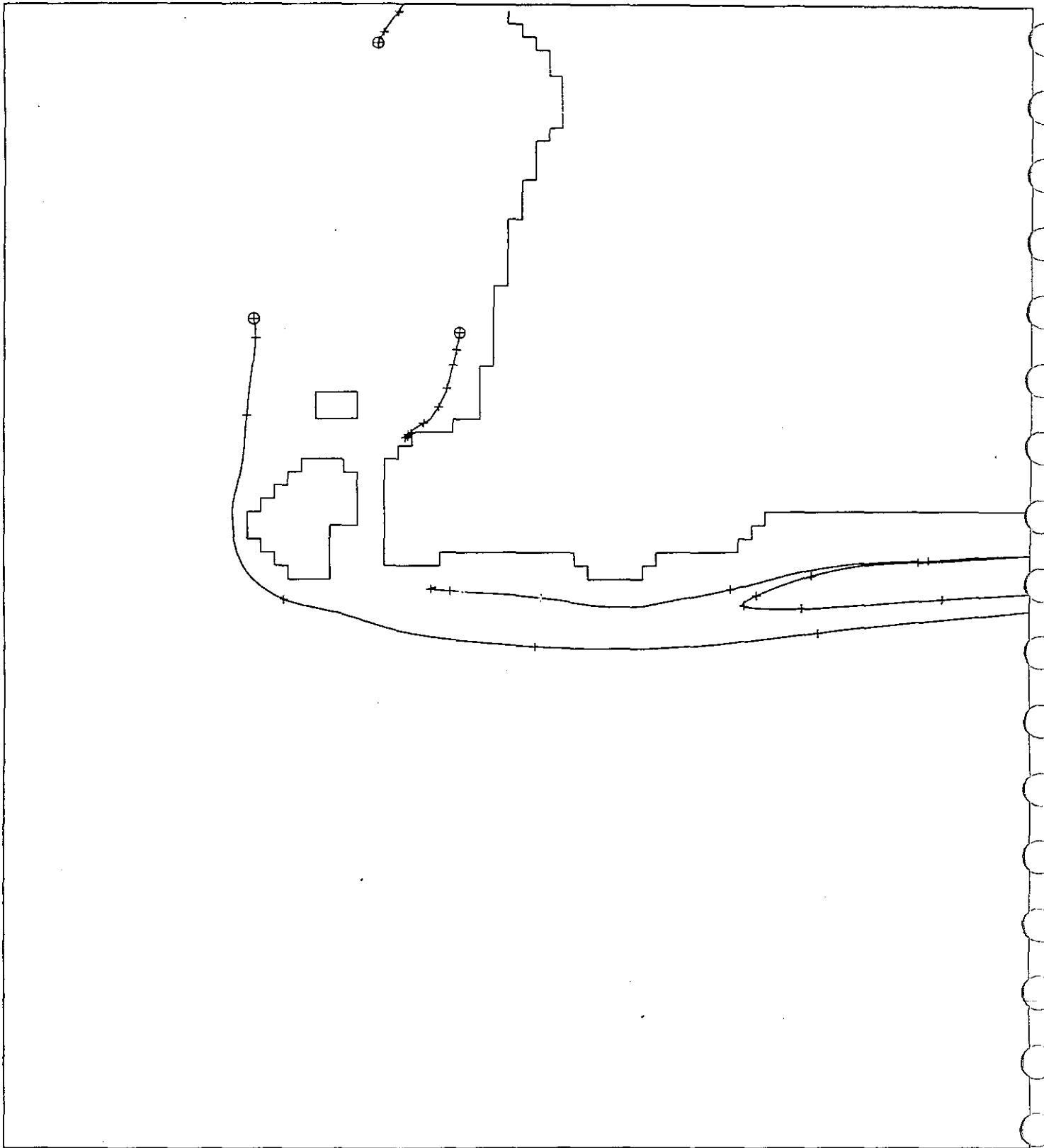


Fig 37a Green Island (50m grid) Model - Case 4
Dry season Spring tide - Released at HHW

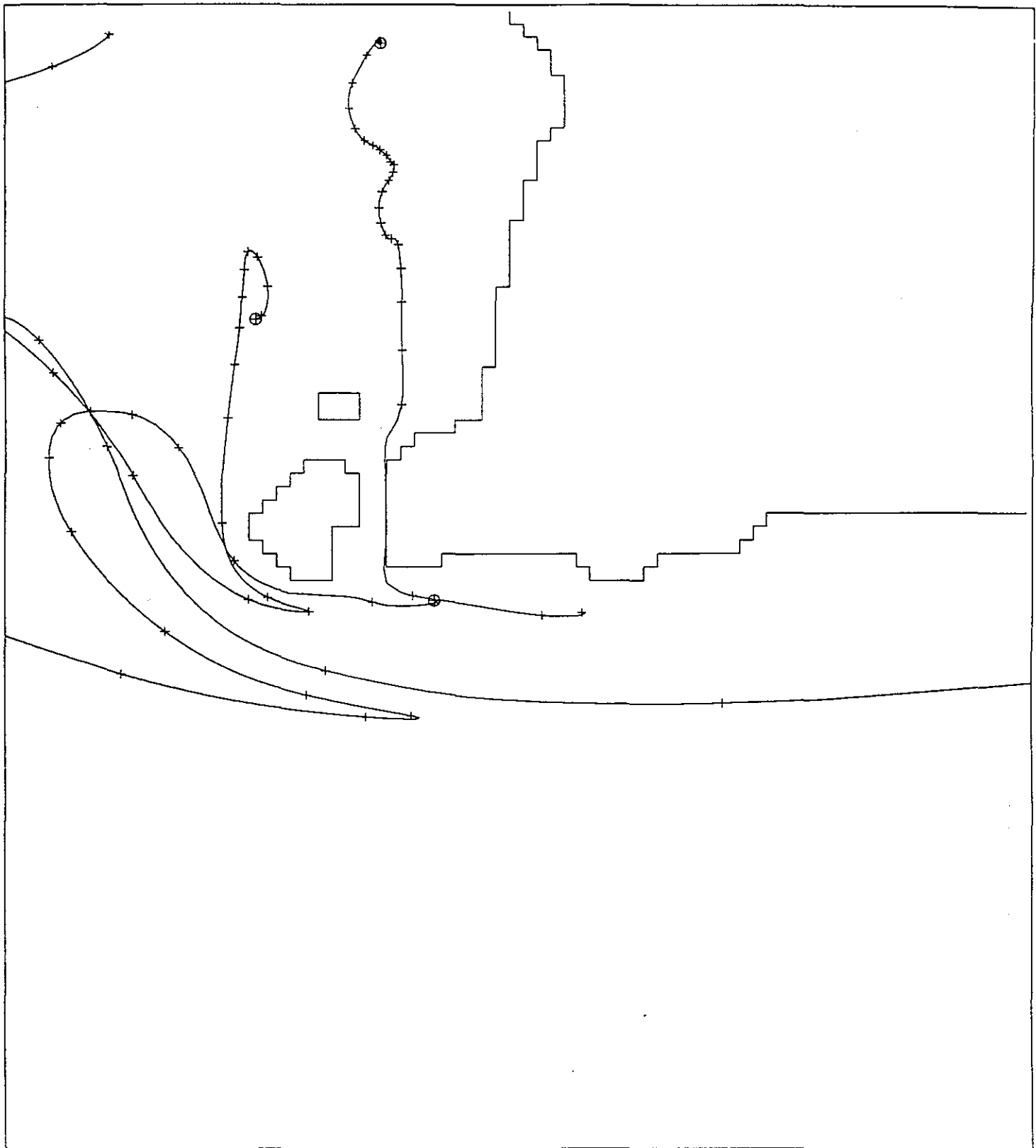


Fig 37b Green Island (50m grid) Model - Case 4
Dry season Spring tide - Released at LLW

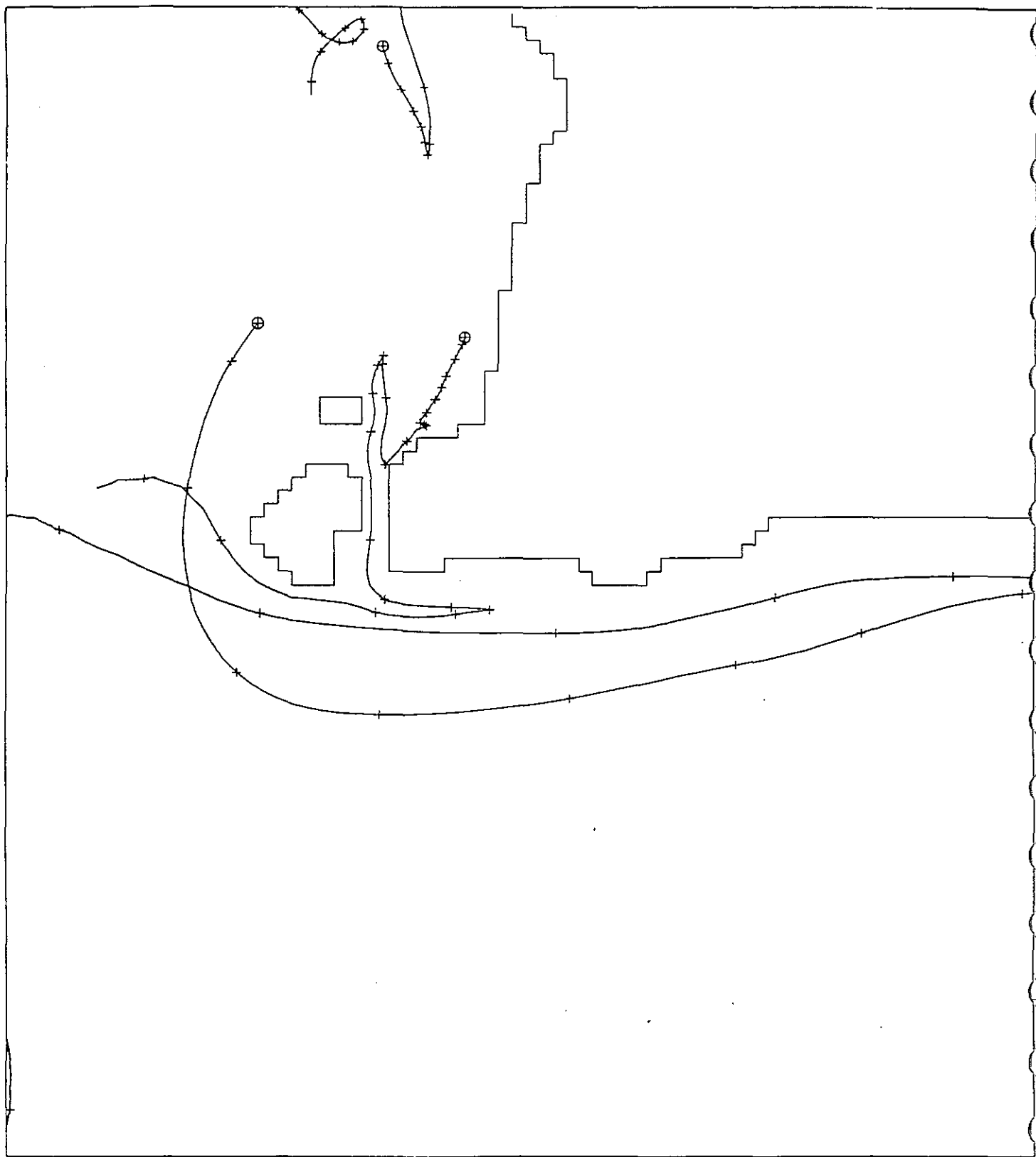


Fig 37c Green Island (50m grid) Model - Case 4
Wet season Neap tide - Released at HHW

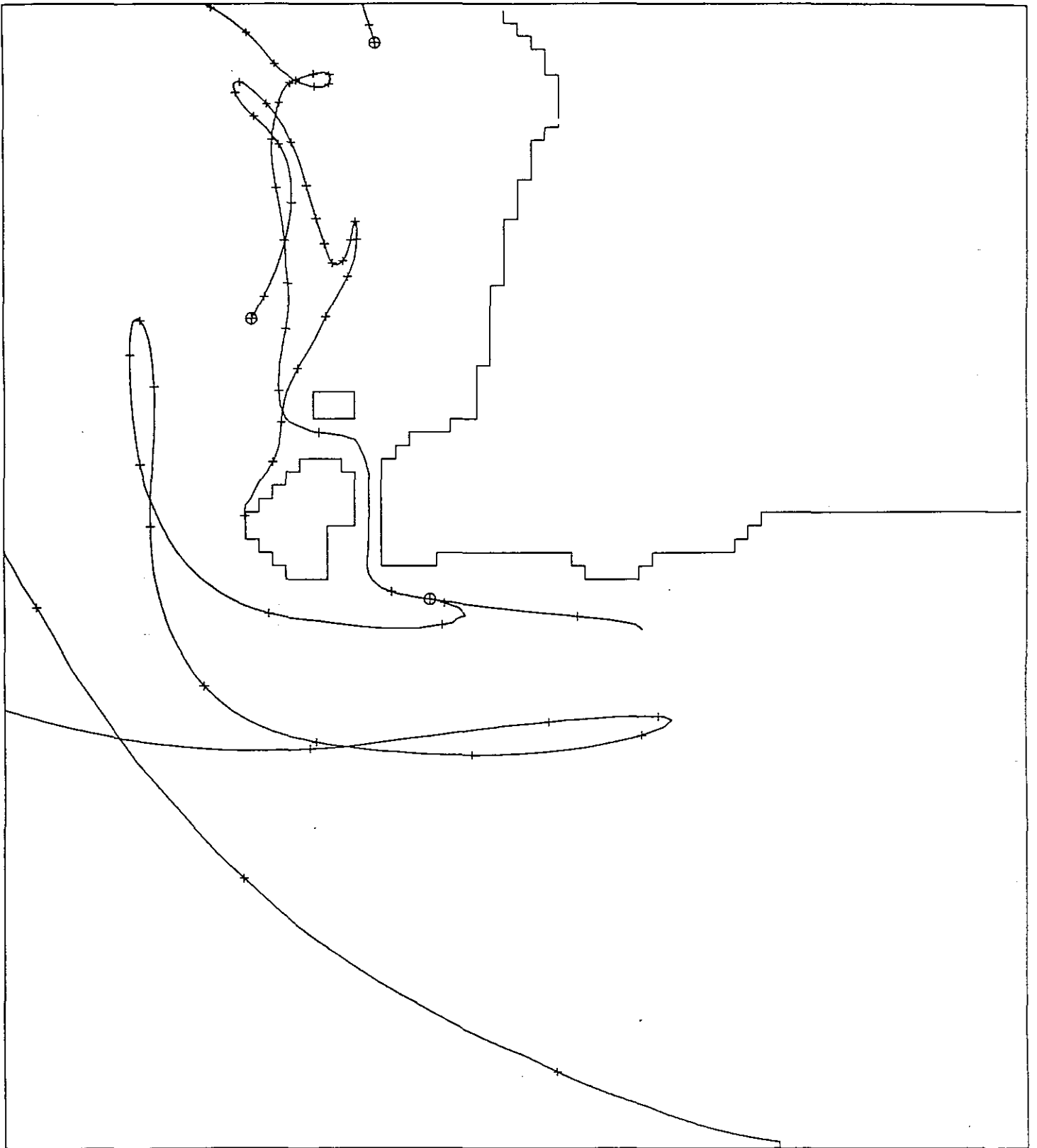
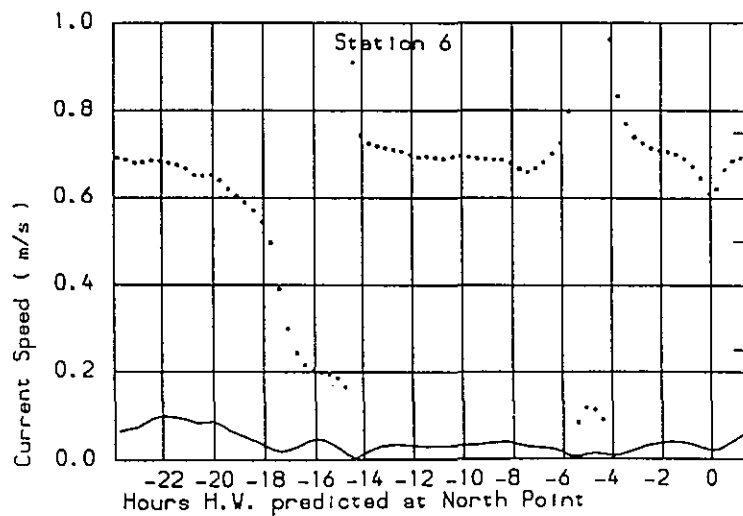
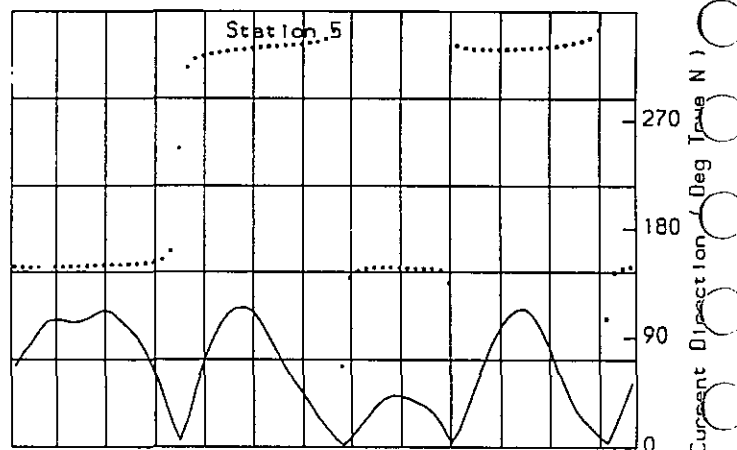
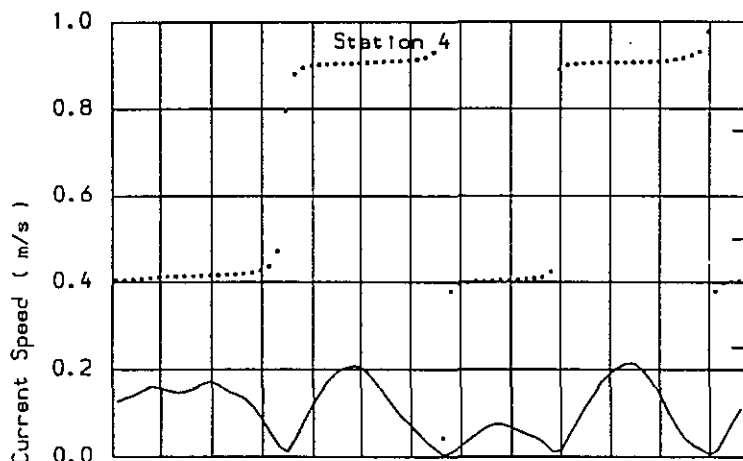
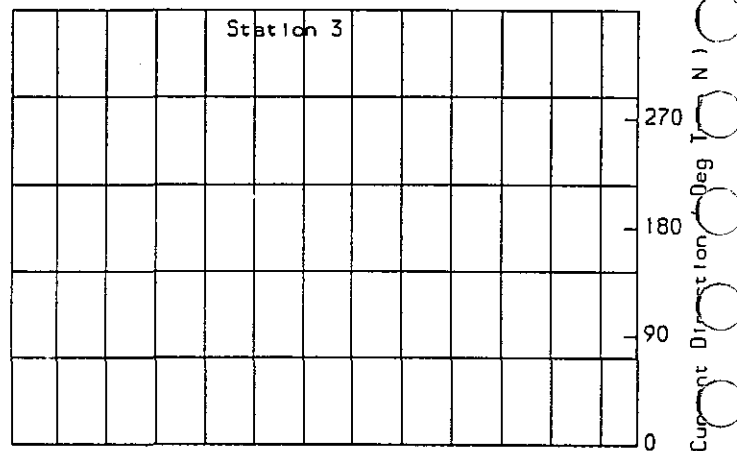
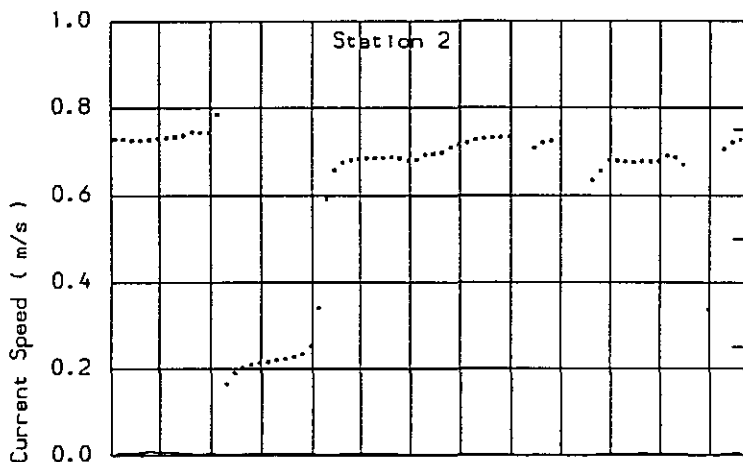
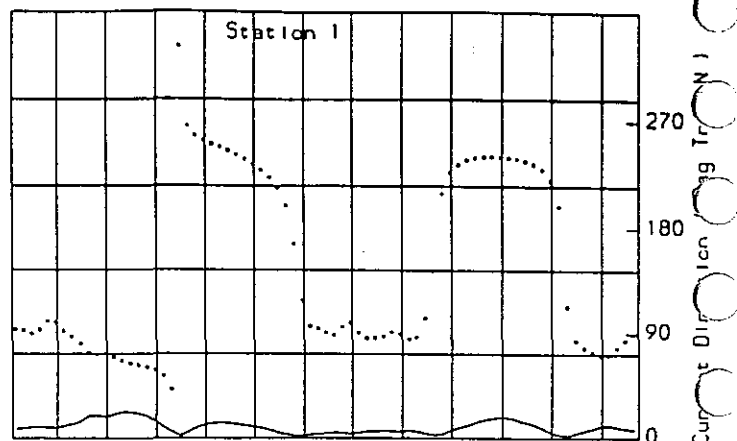
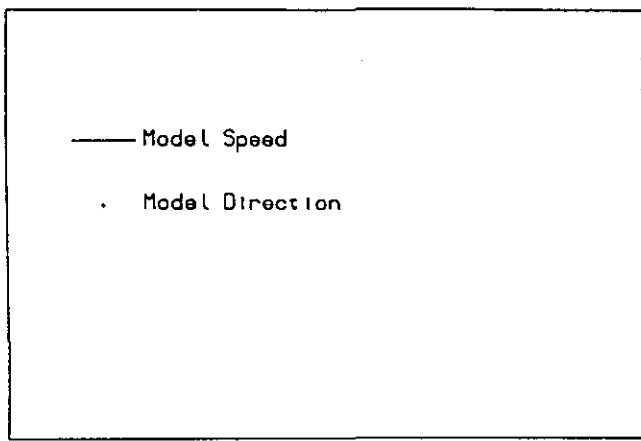


Fig 37a Green Island (50m grid) Model - Case 4
Wet season Ncap tide - Released at LLW



-22 -20 -18 -16 -14 -12 -10 -8 -6 -4 -2 0
 Hours H.V. predicted at North Point

Fig 38a Green Island (50m grid) Model - Case 5
 Dry season Spring tide - Upper layer

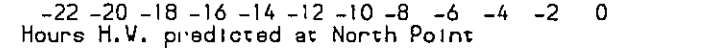
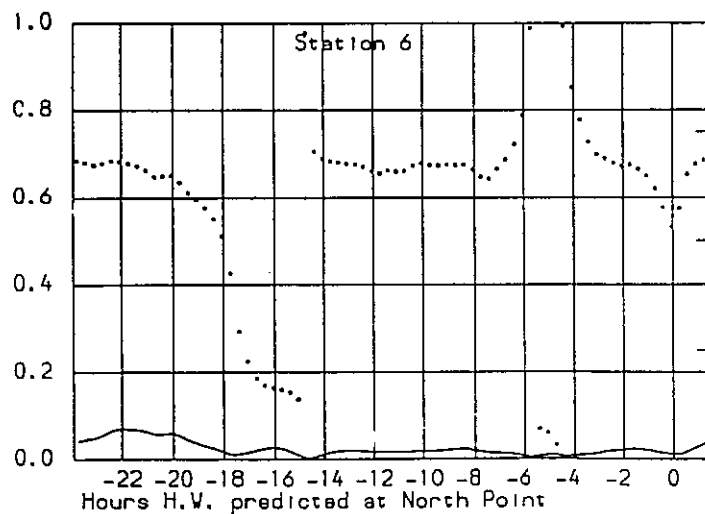
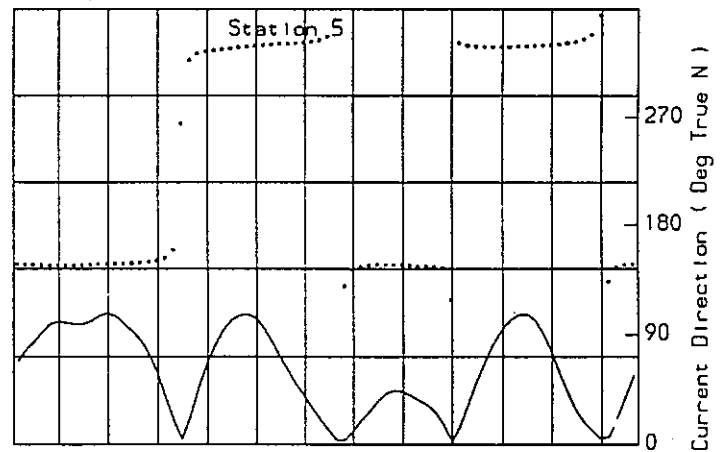
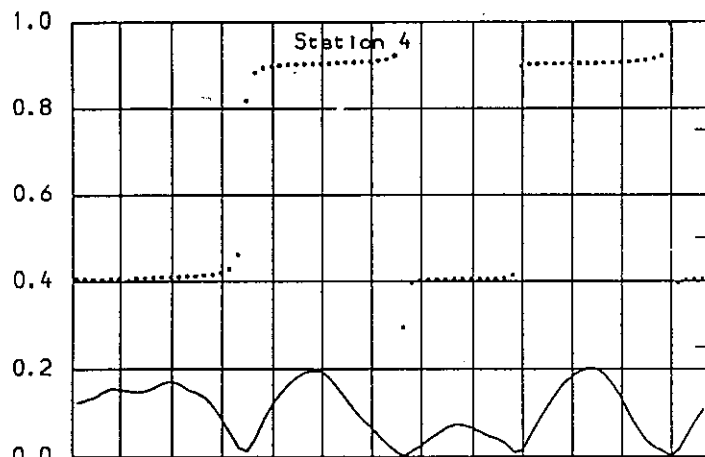
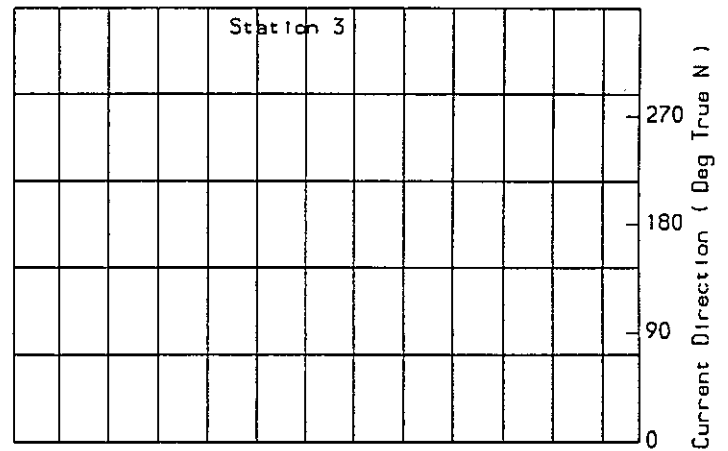
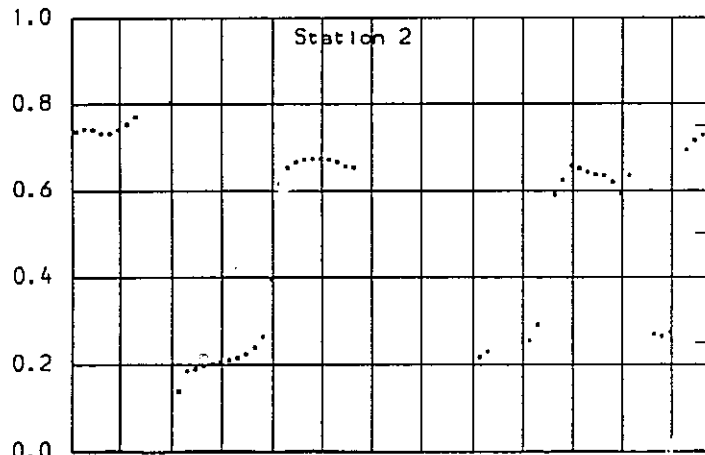
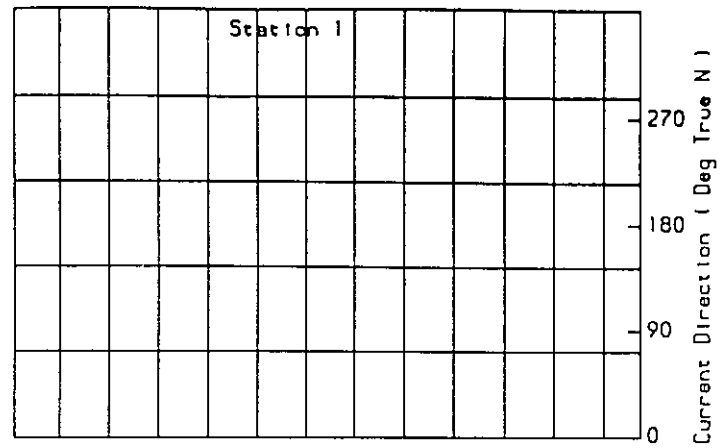
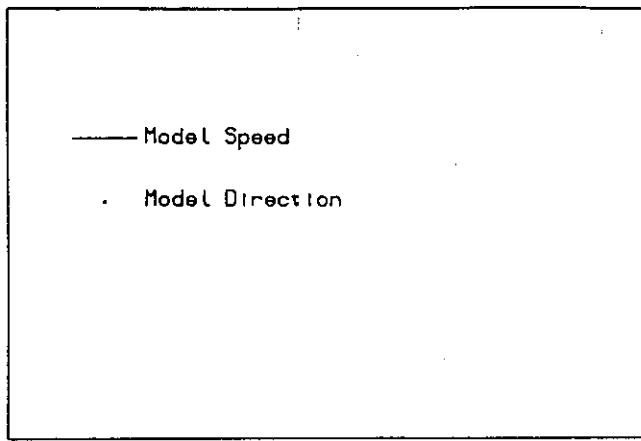
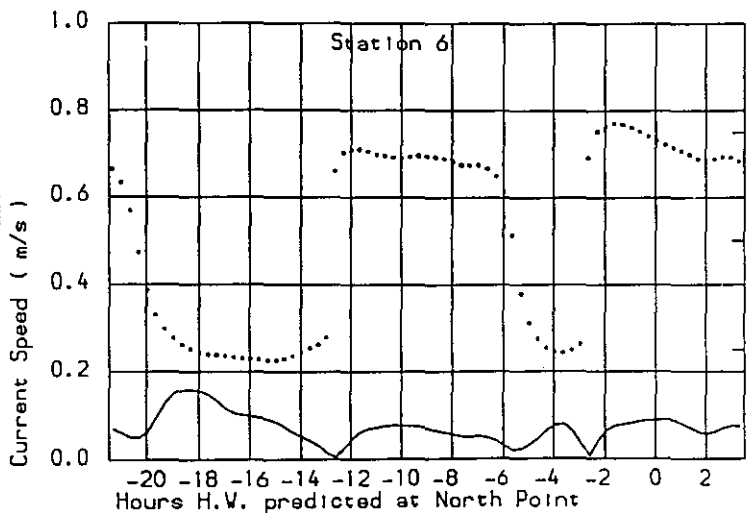
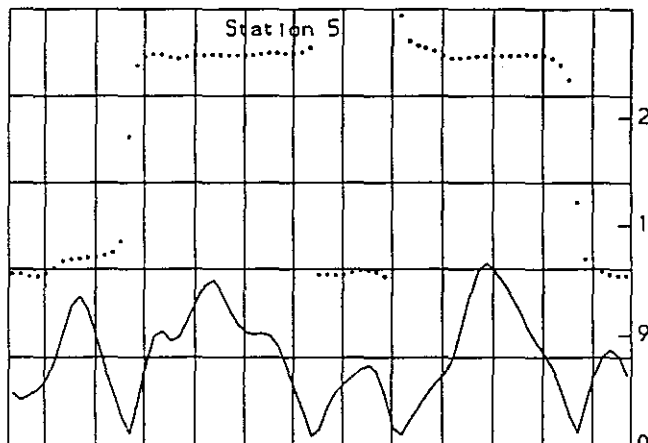
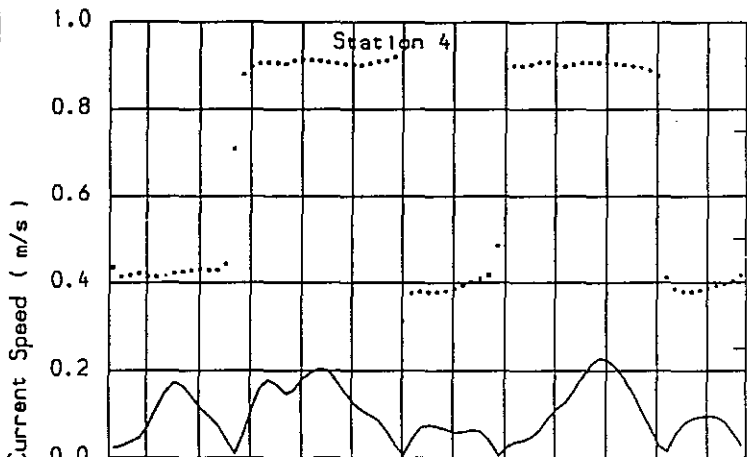
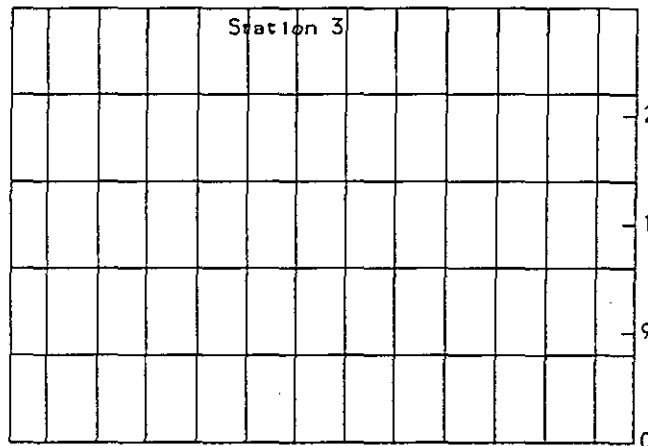
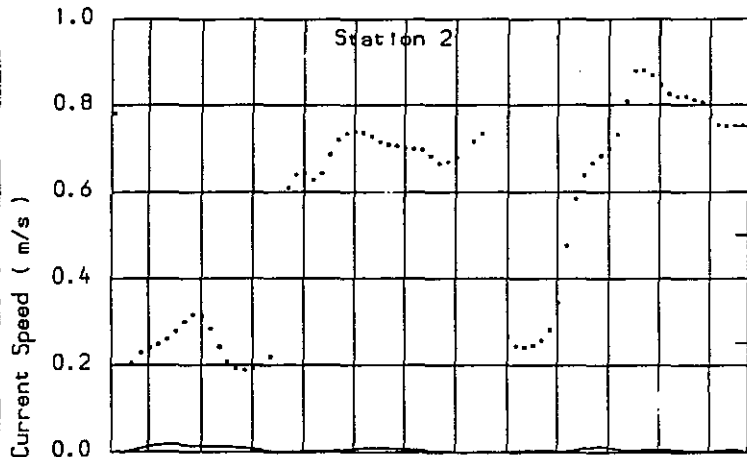
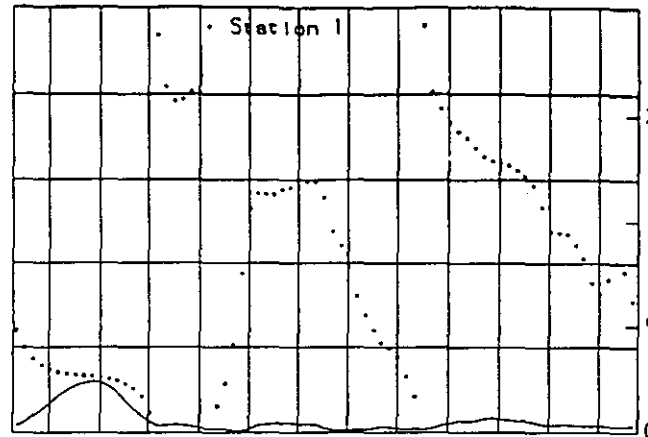
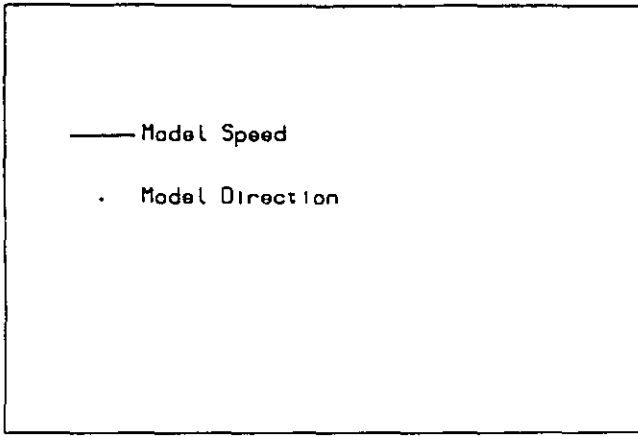


Fig 38b Green Island (50m grid) Model - Case 5
 Dry season Spring tide - Lower layer



Hours H.V. predicted at North Point

Fig 38c Green Island (50m grid) Model - Case 5
 Wet season Neap tide - Upper layer

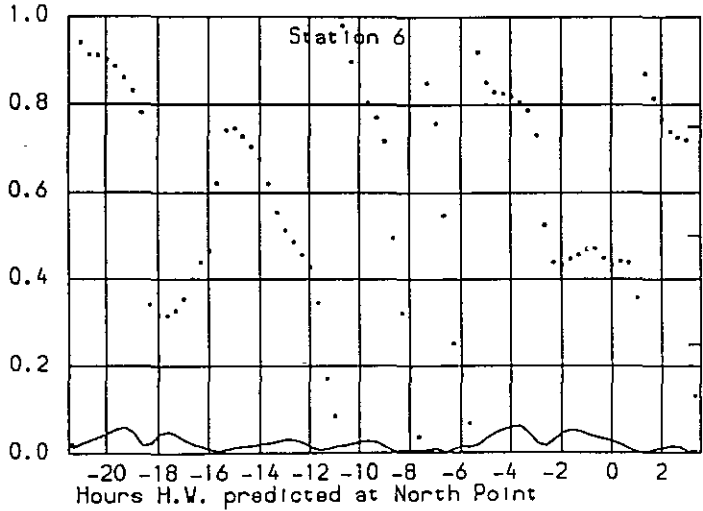
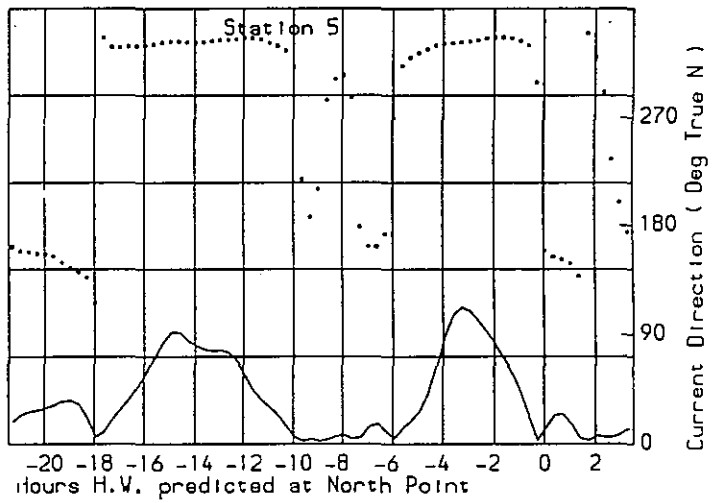
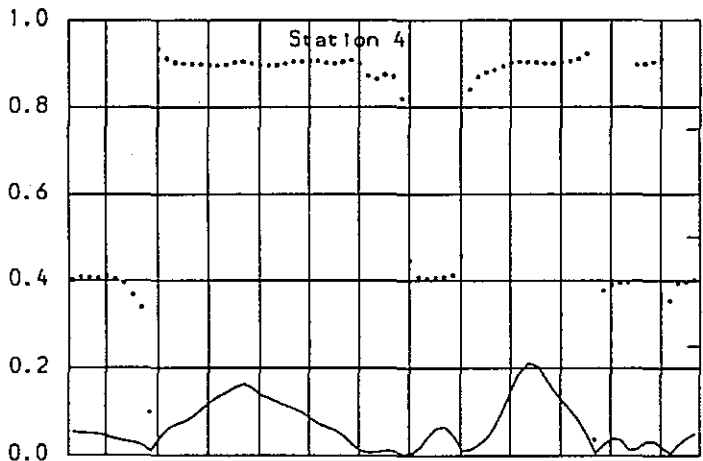
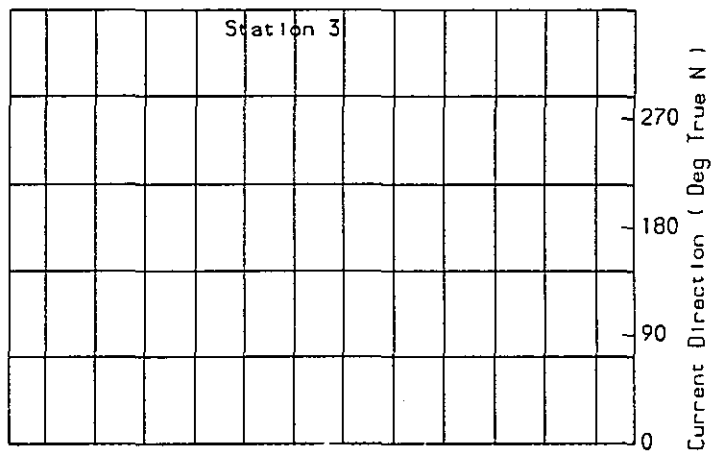
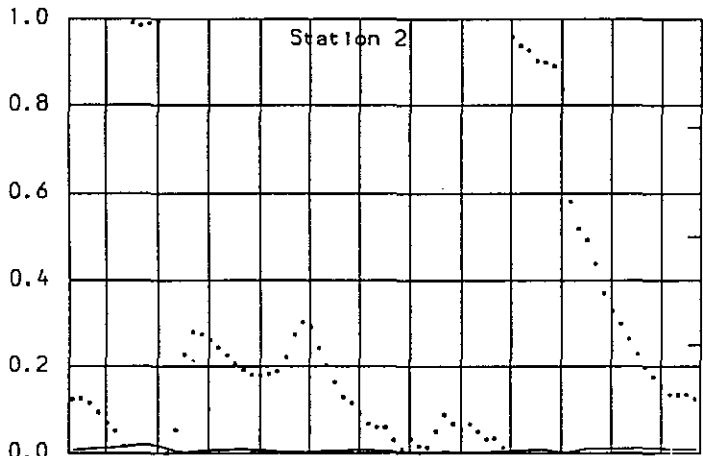
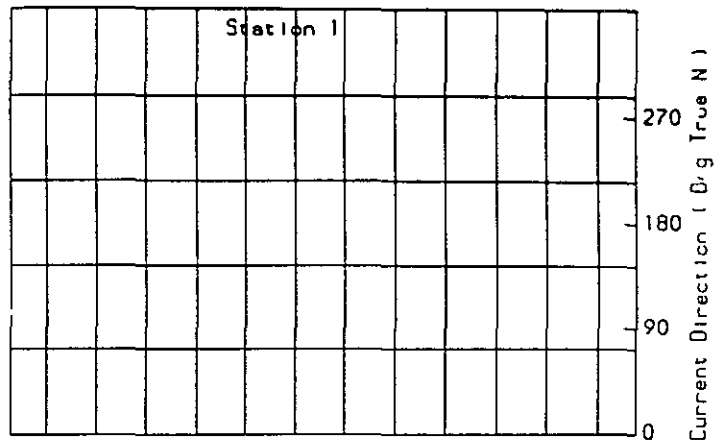
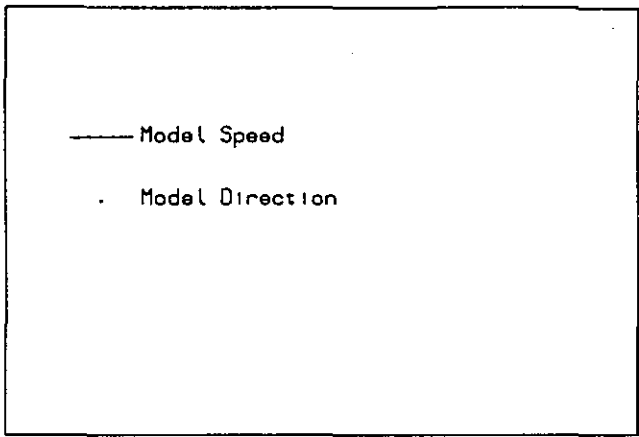


Fig 38d Green Island (50m grid) Model - Case 5
 Wet season Neap tide - Lower layer

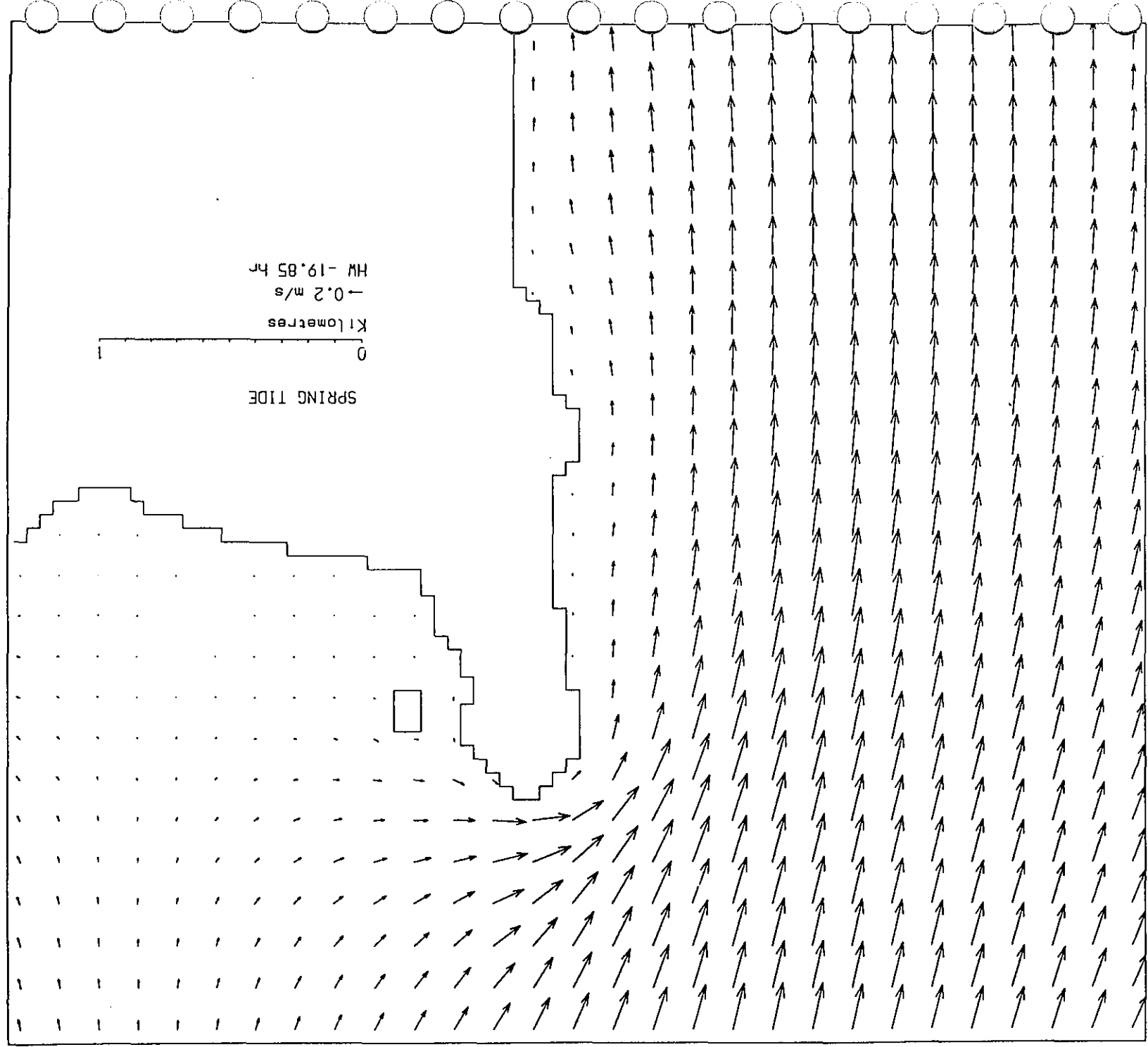


Fig 30a Green Island (50m grid) Model - Case 5
Dry season Spring Ebb - Upper layer

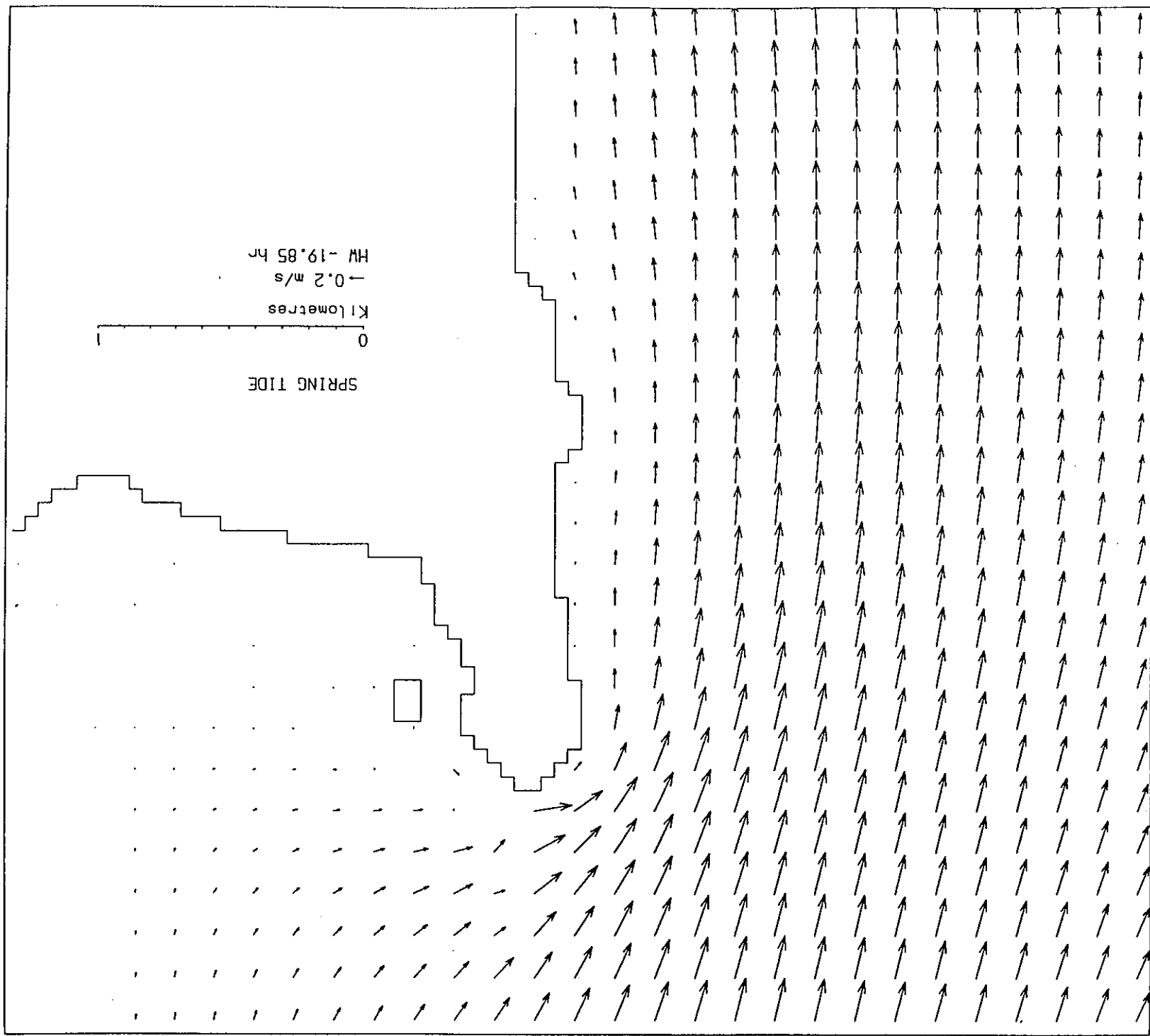
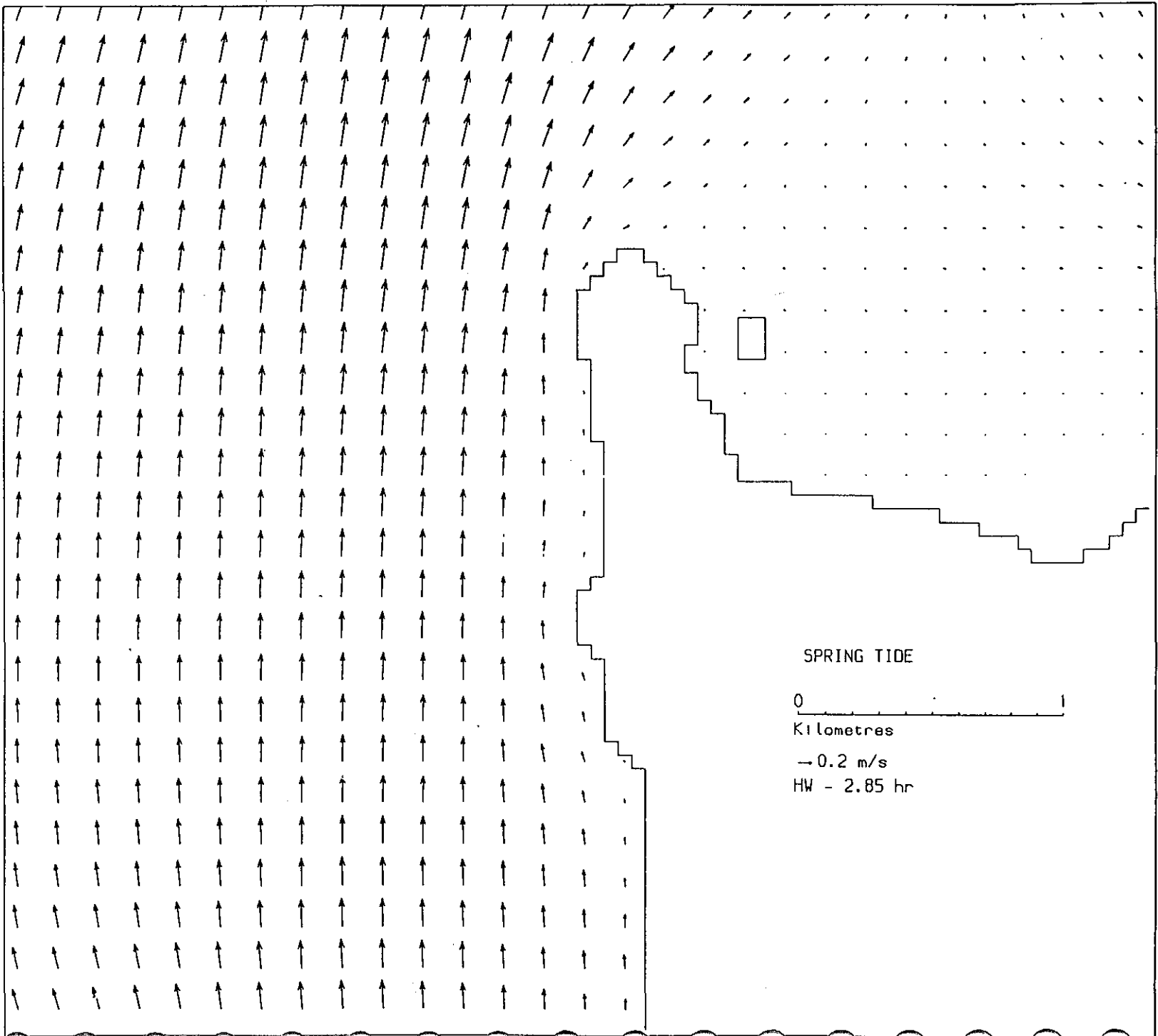


Fig 3a**b** Green Island (50m grid) Model - Case 5
 Dry season Spring Ebb - Lower layer

Fig 3a Green Island (50m grid) Model - Case 5
Dry season Spring Flood - Upper layer



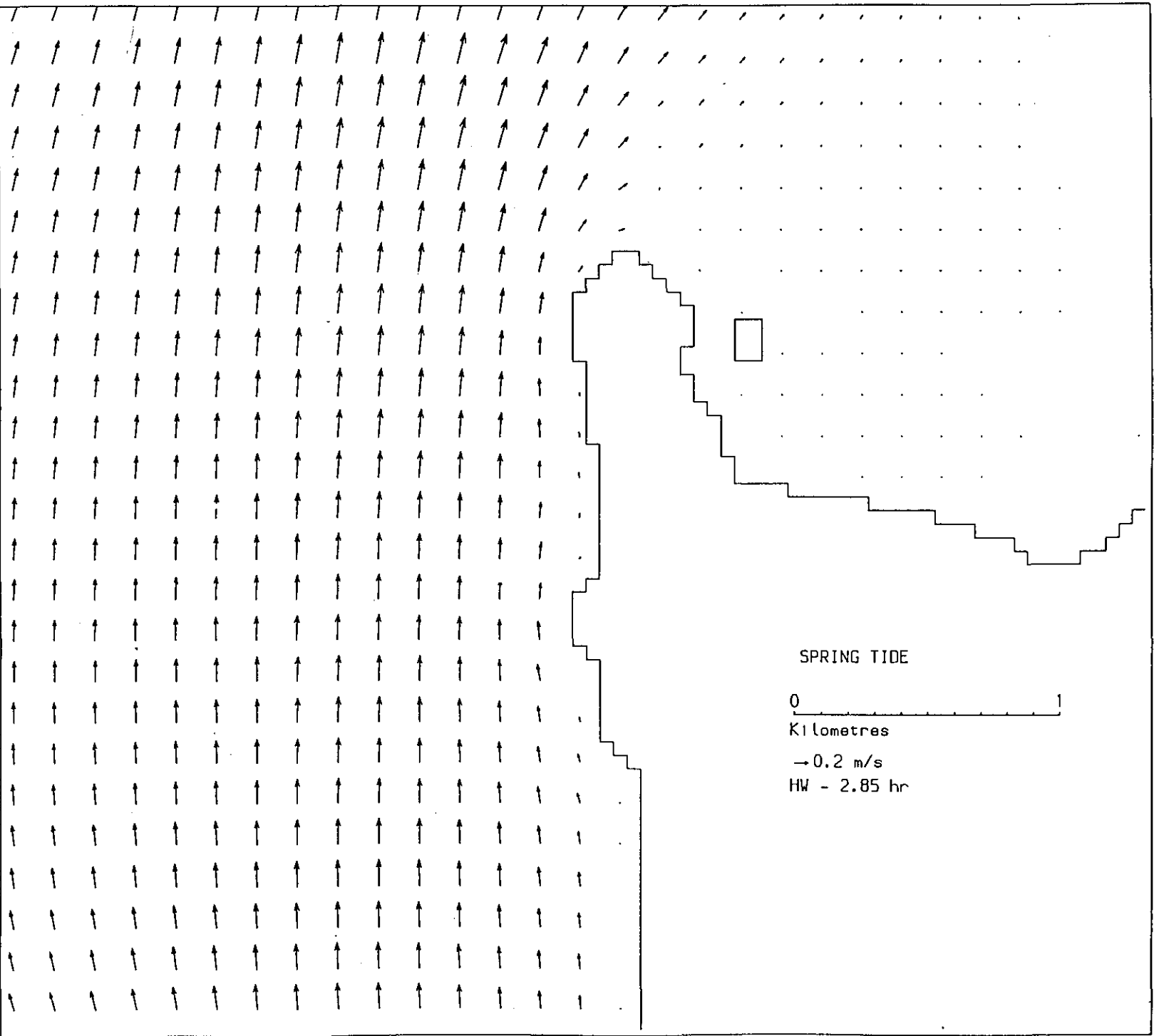


Fig 3ad Green Island (50m grid) Model - Case 5
Dry season Spring Flood - Lower layer

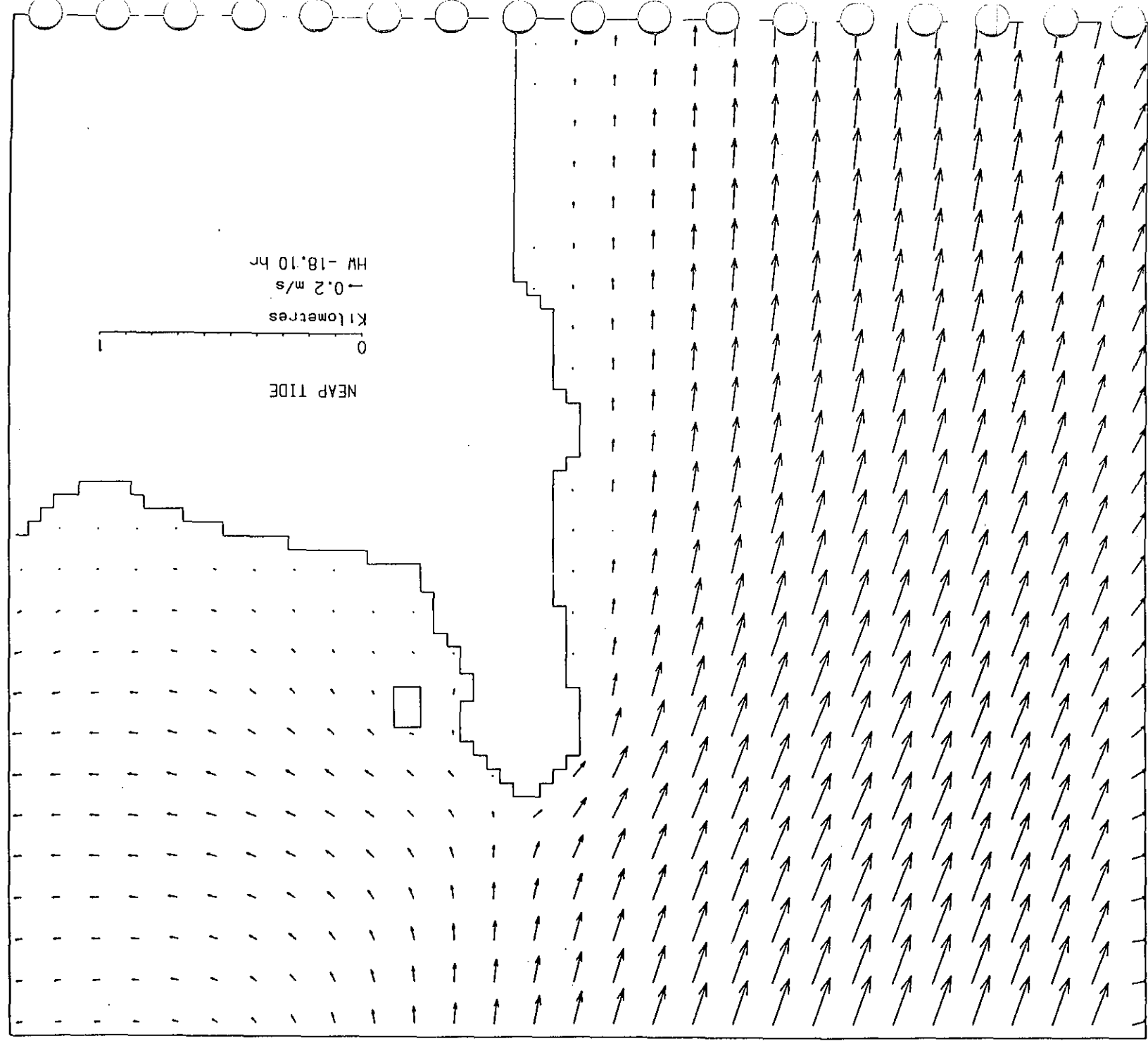


Fig 3a Green Island (50m grid) Model - Case 5
Wet season Neap Ebb - Upper layer

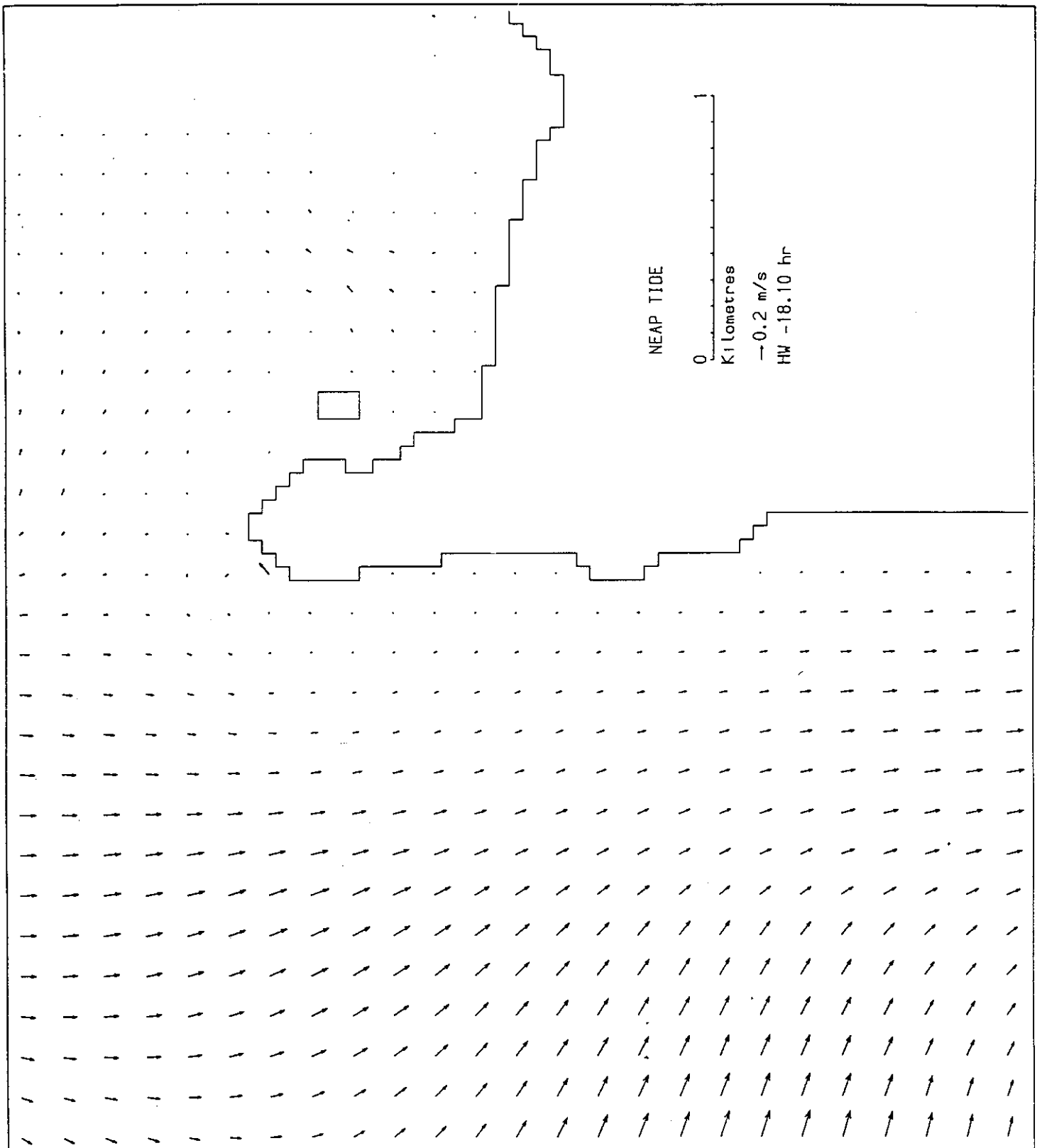


Fig 39f Green Island (50m grid) Model - Case 5
Wet season Neap Ebb - Lower layer

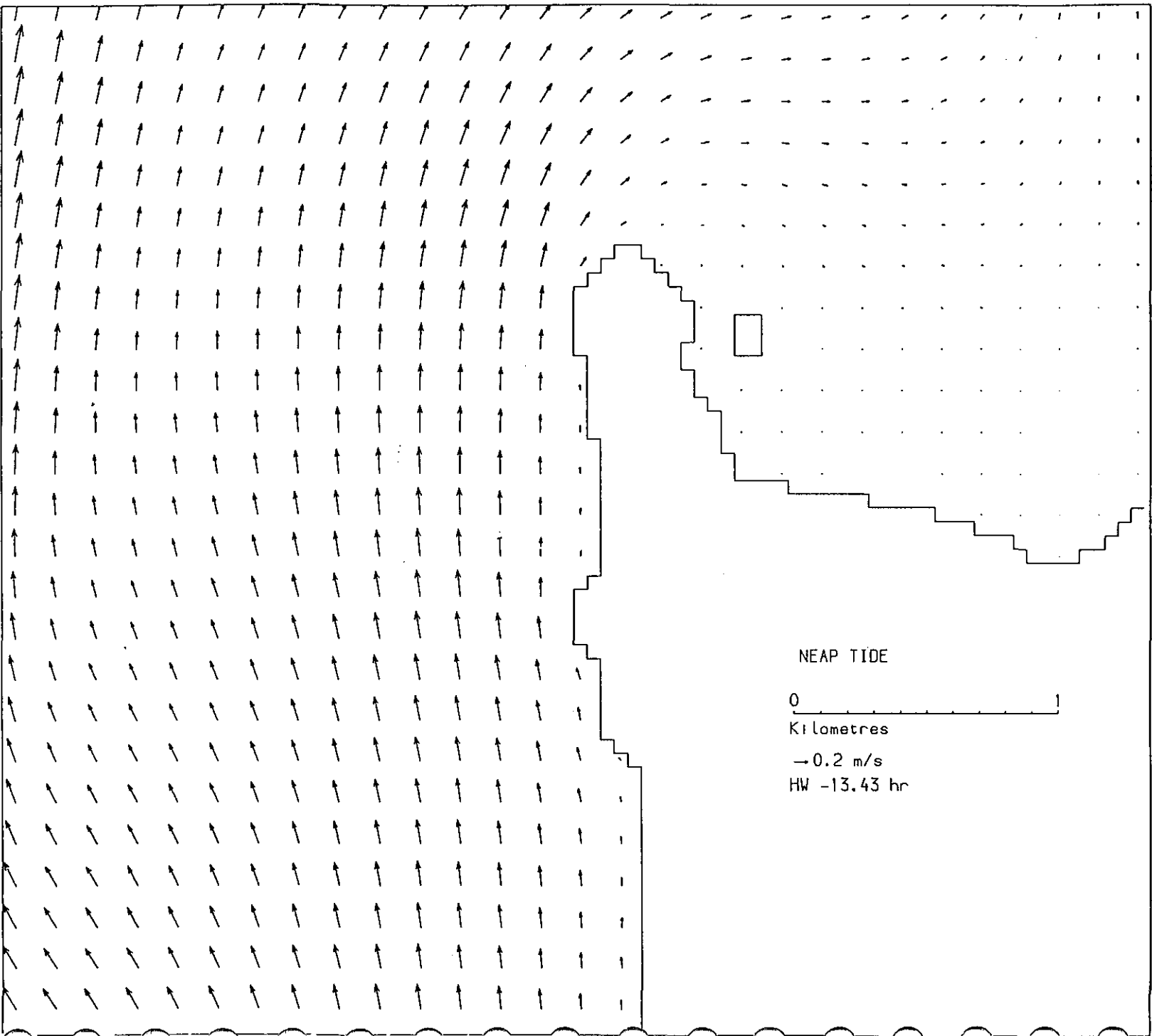
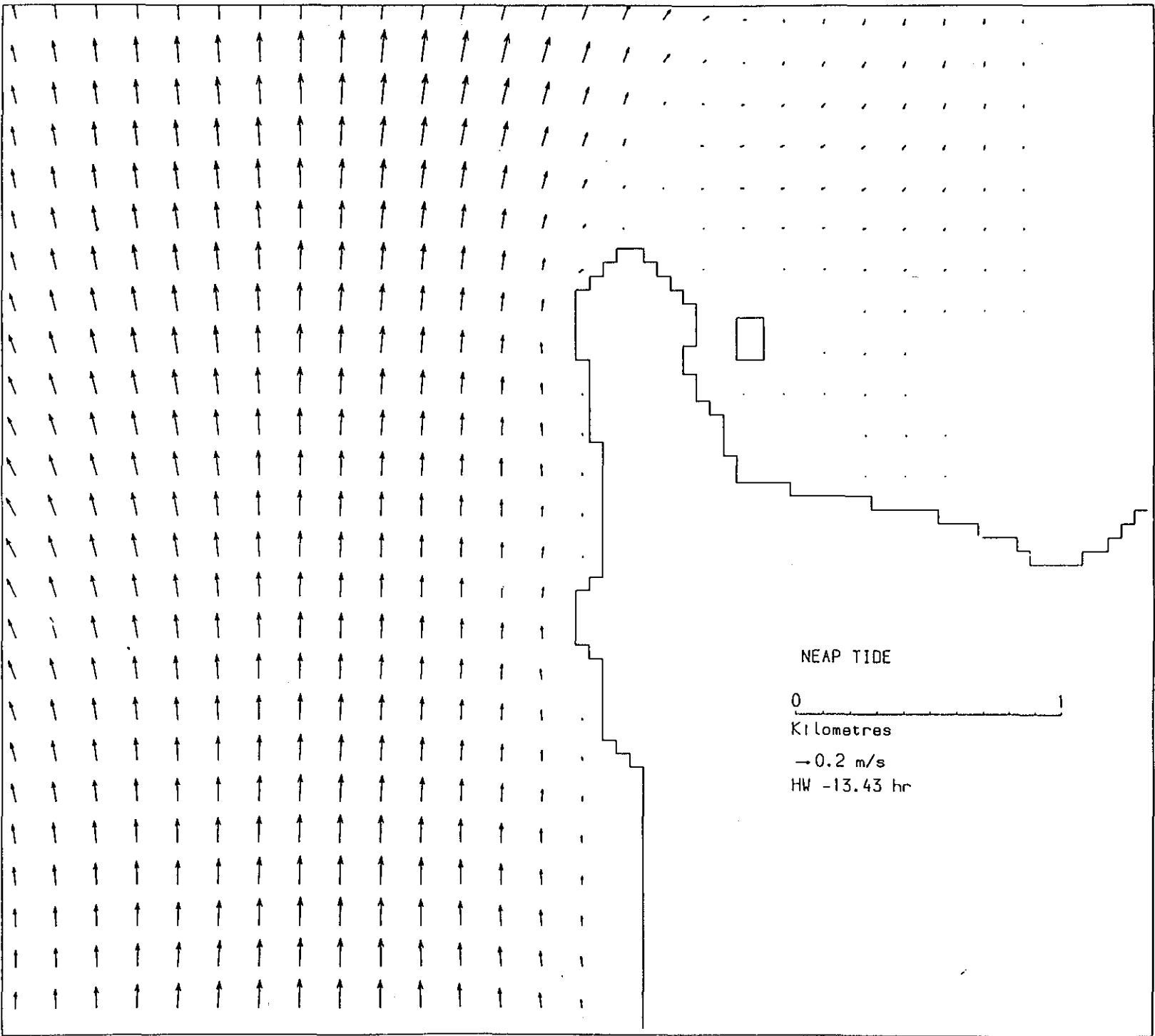


Fig 3a9 Green Island (50m grid). Model - Case 5
Wet season Neap Flood - Upper layer



NEAP TIDE

0 1

Kilometres

→ 0.2 m/s

HW -13.43 hr

Fig 39h Green Island (50m grid) Model - Case 5
Wet season Neap Flood - Lower layer

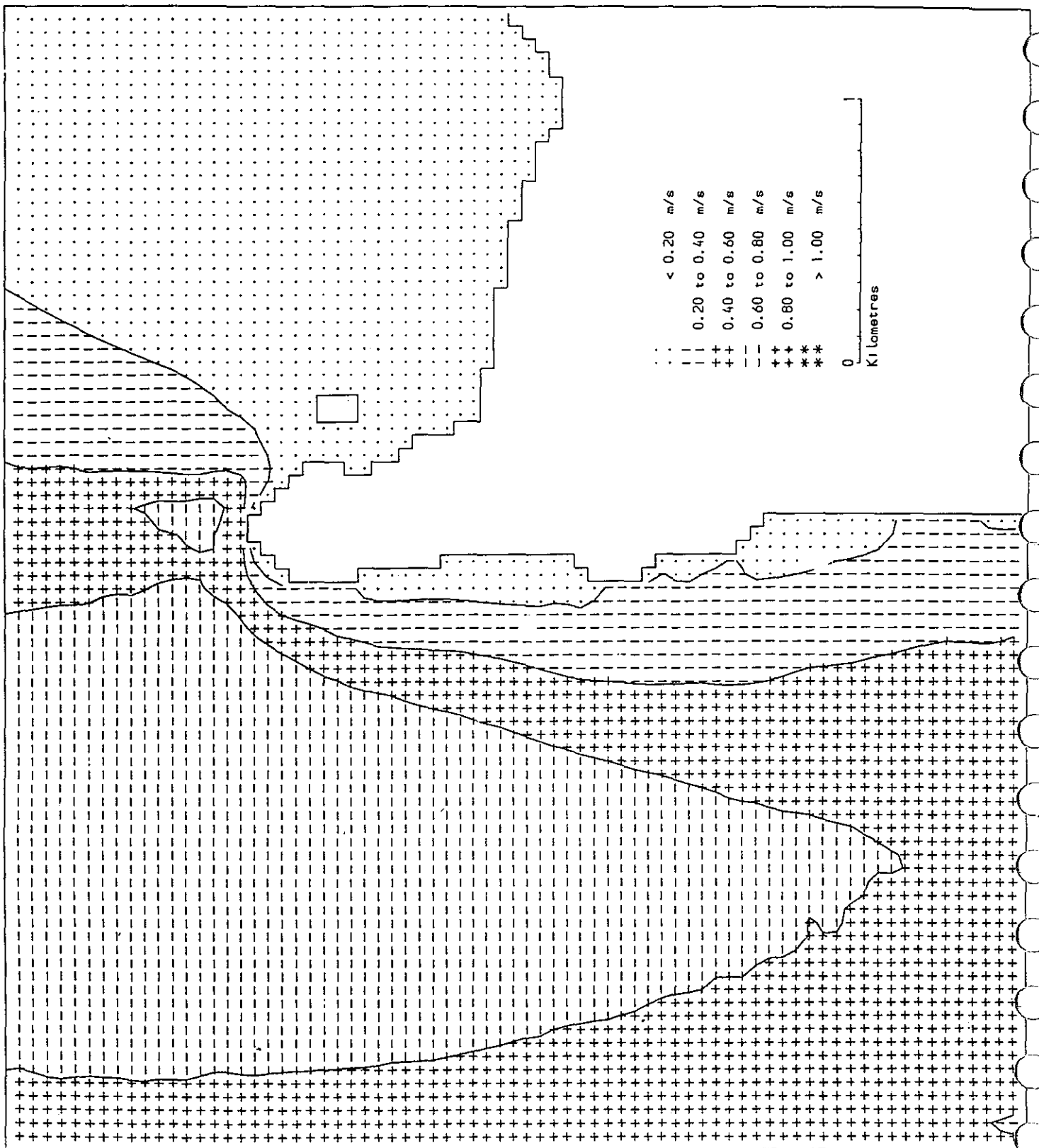


Fig 40a Green Island (50m grid) Model - Upper
 Dry season Spring Peak Speed - Case 5

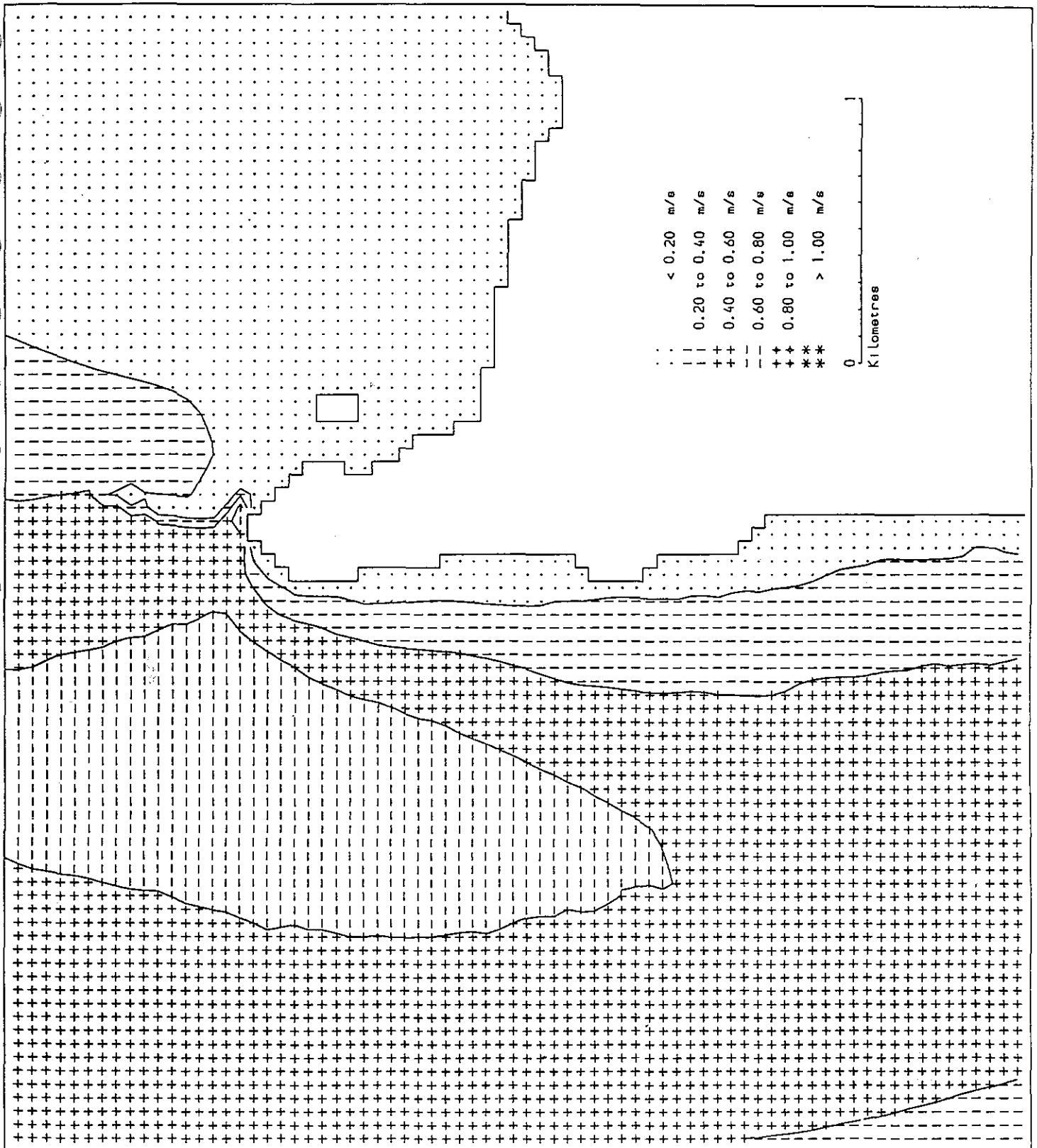


Fig 40b Green Island (50m grid) Model - Lower Dry season Spring Peak Speed - Case 5

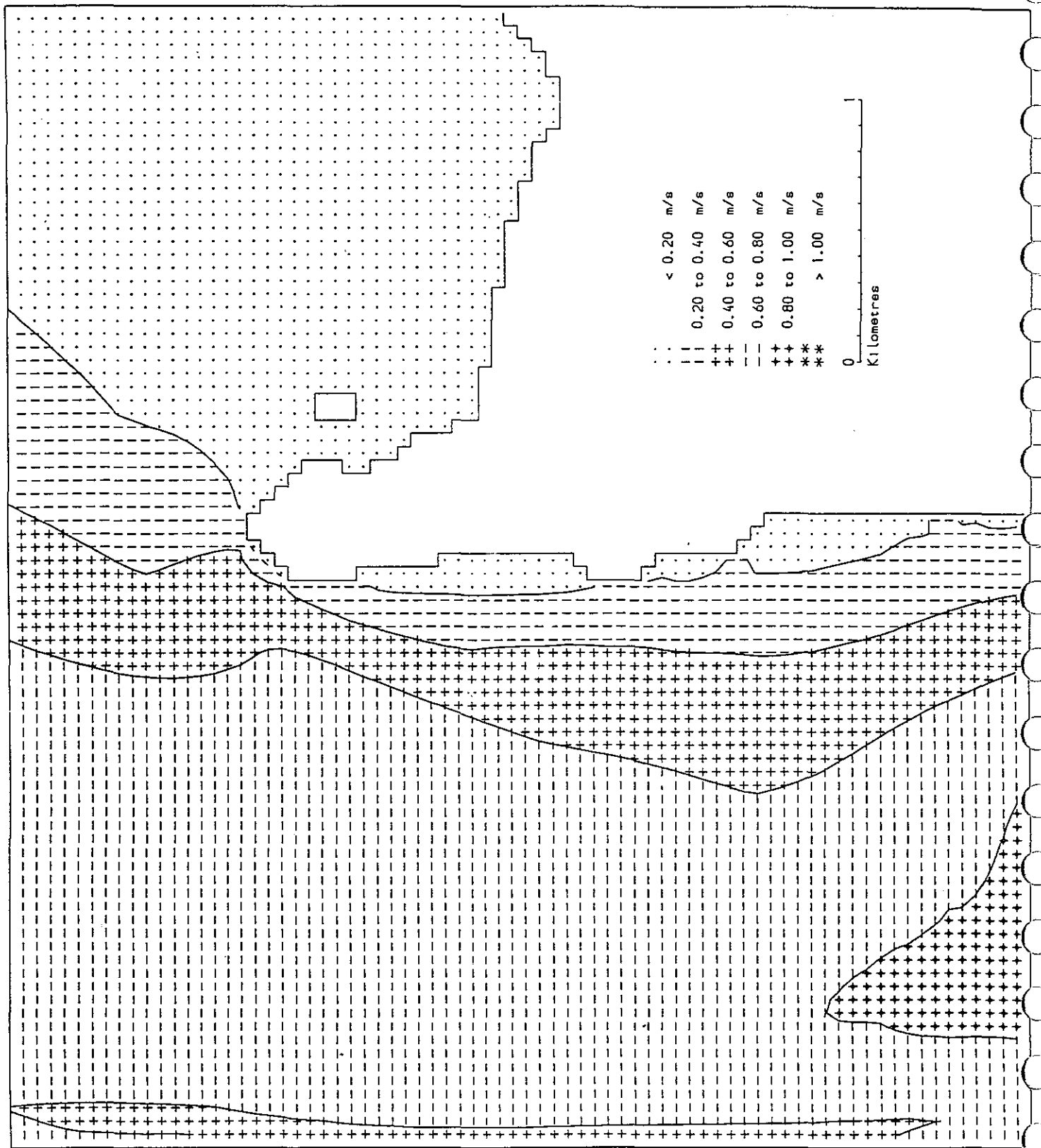


Fig 40c Green Island (50m grid) Model - Upper
Wet season Neap Peak Speed - Case 5

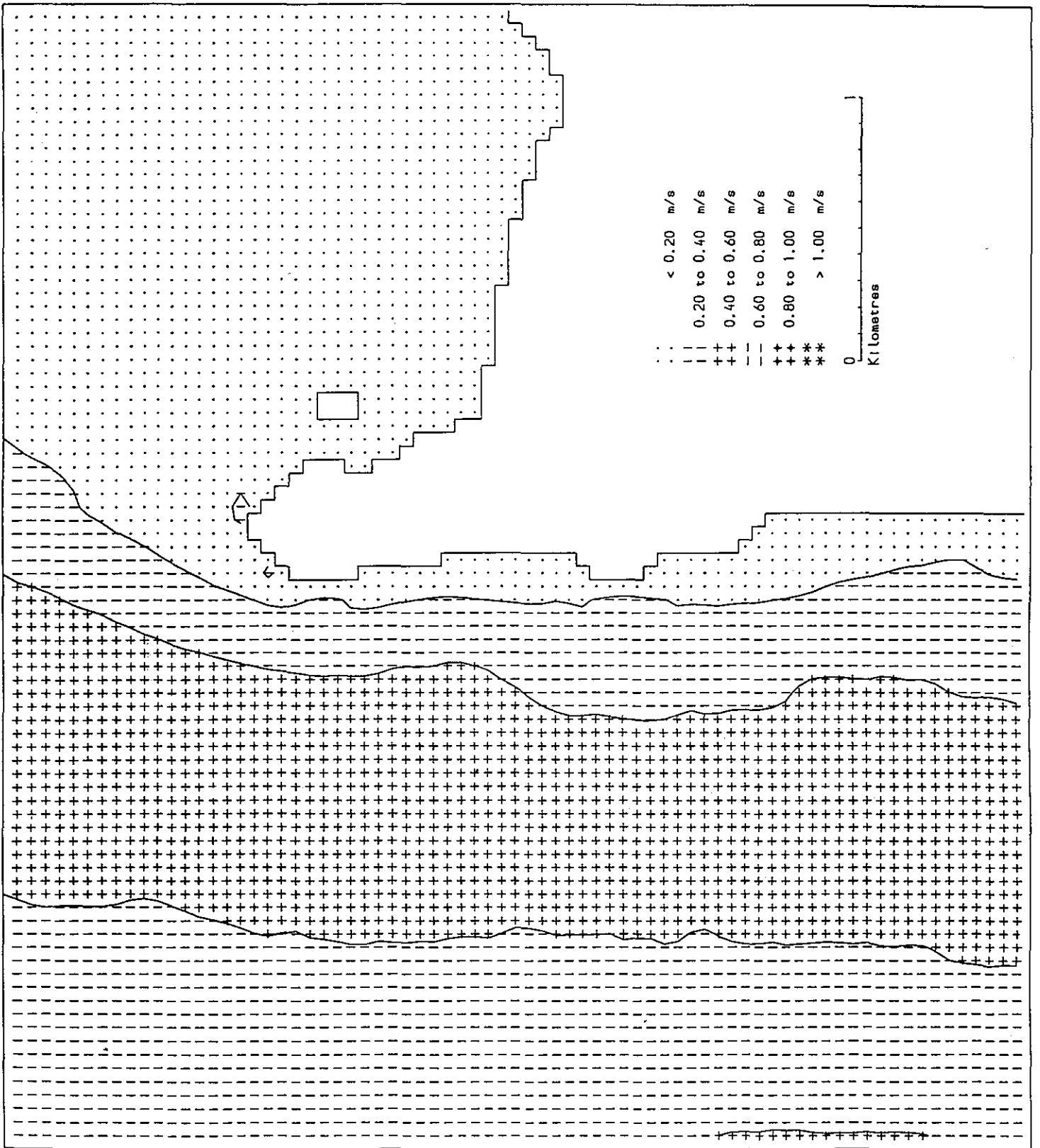


Fig 40d Green Island (50m grid) Model - Lower
Wet season Neap Peak Speed - Case 5

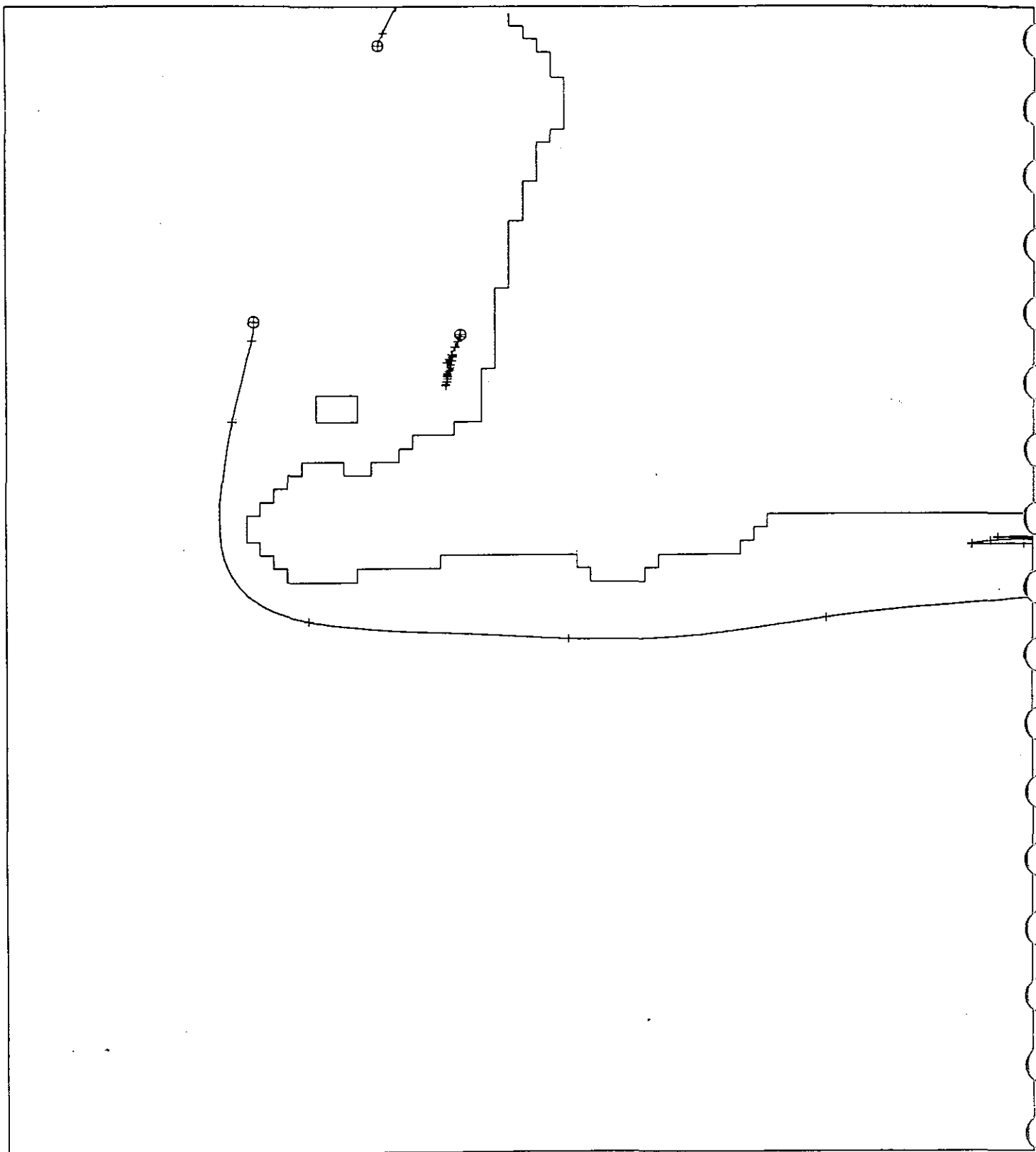


Fig 4a Green Island (50m grid) Model - Case 5
Dry season Spring tide - Released at HHW

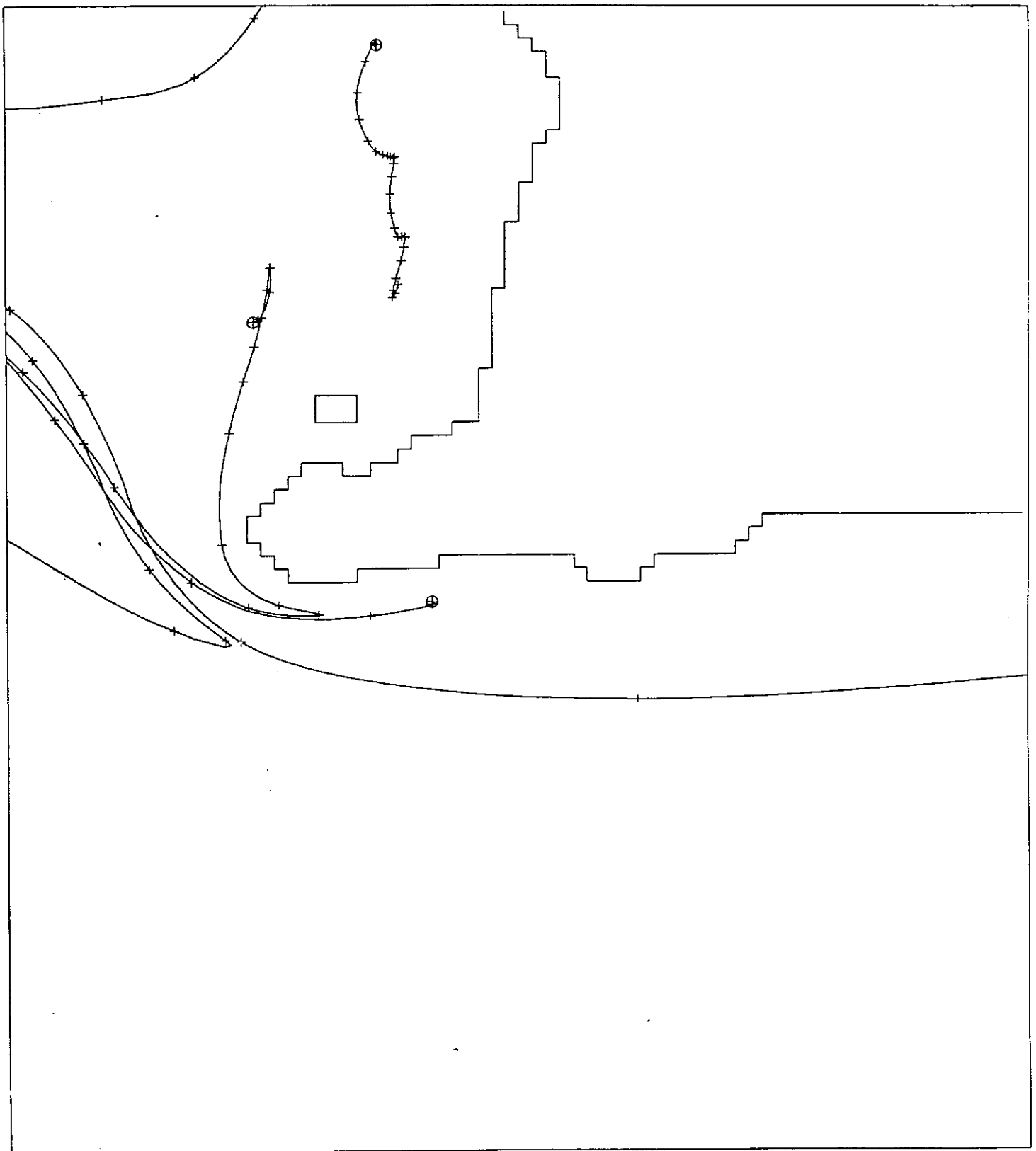


Fig 41b Green Island (50m grid) Model - Case 5
Dry season Spring tide - Released at LLW

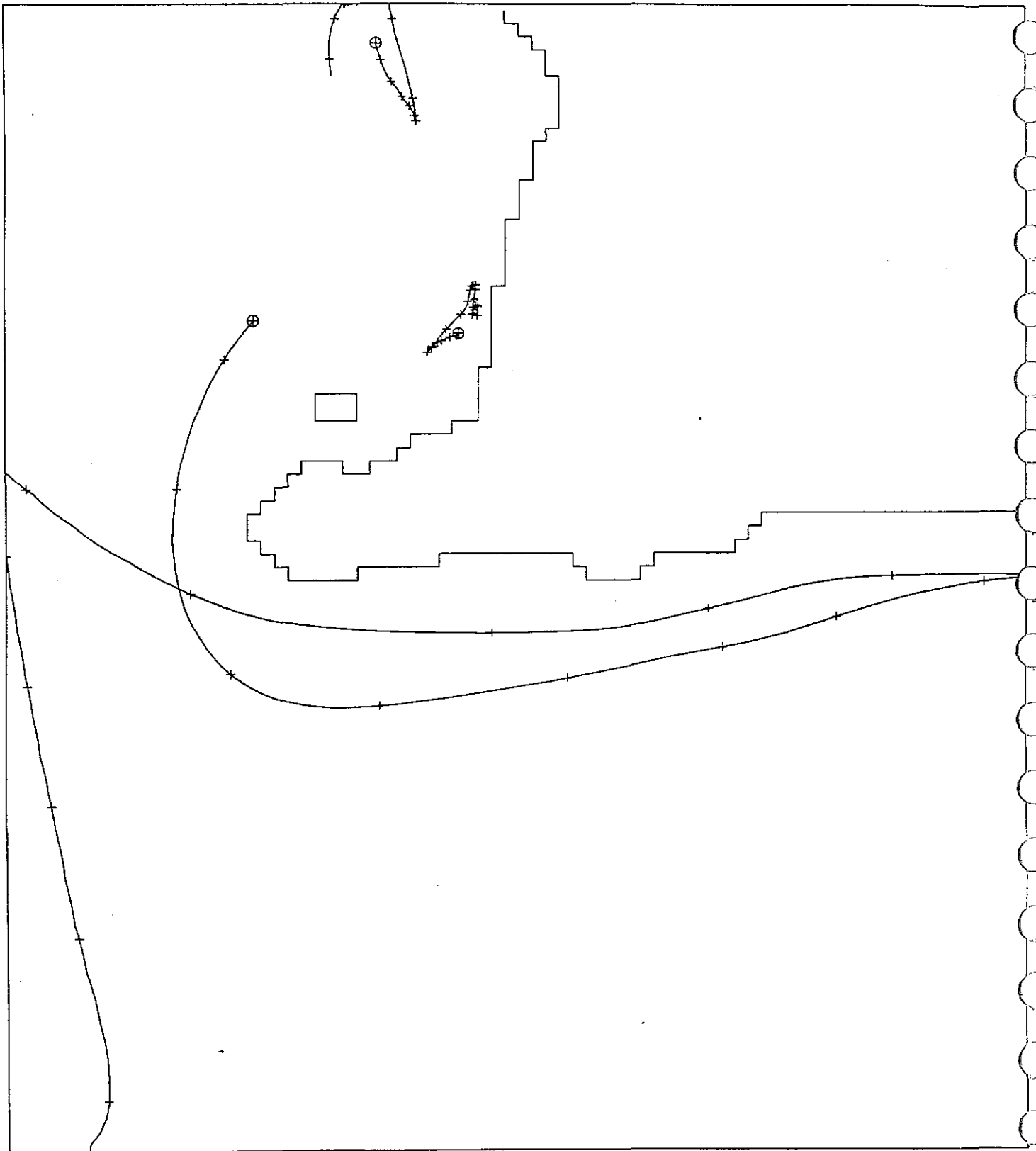


Fig 41c Green Island (50m grid) Model - Case 5
Wet season Neap tide - Released at HHW

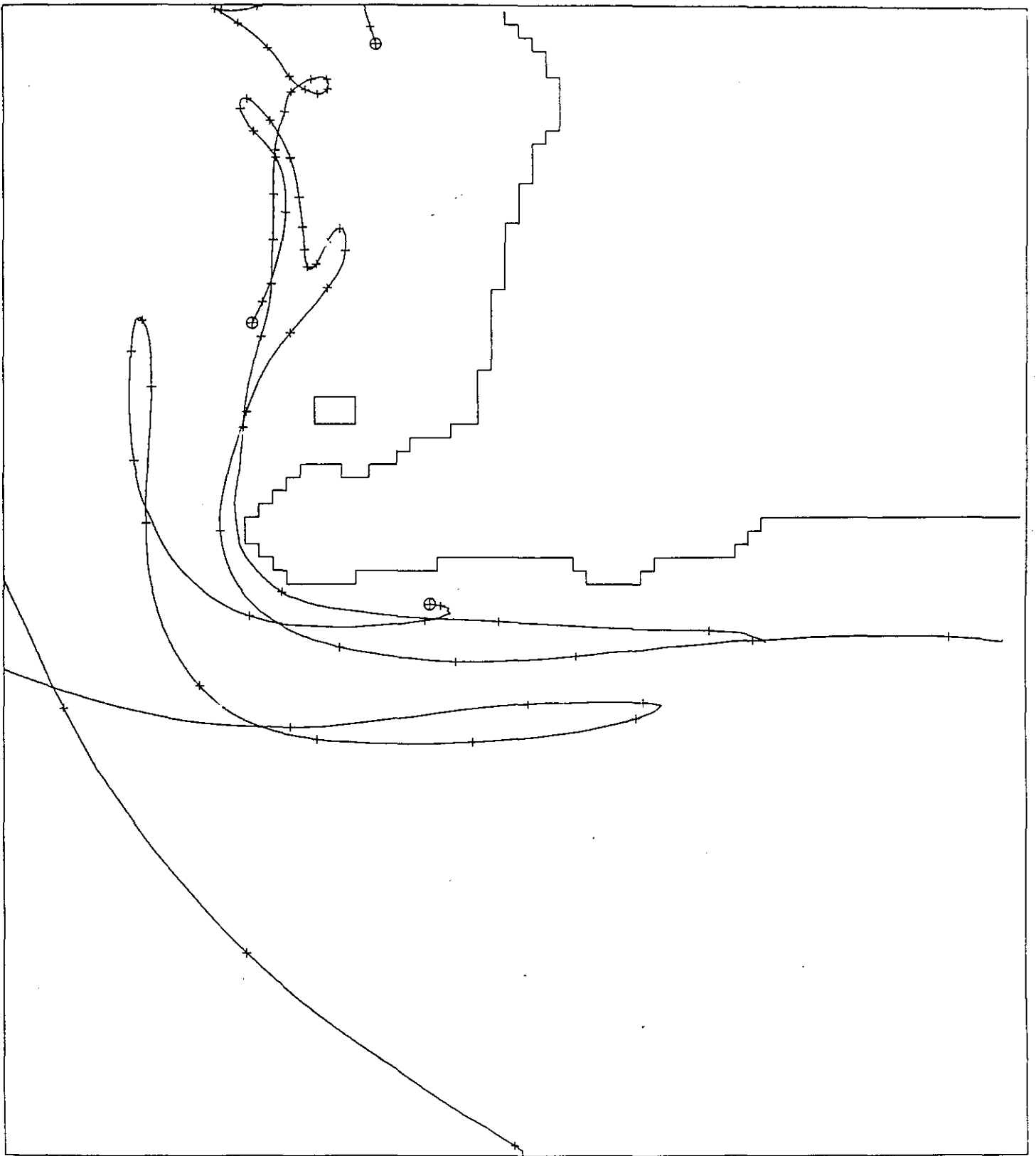


Fig 4ld Green Island (50m grid) Model - Case 5
Wet season Neap tide - Released at LLW

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