

Stakeholder Liaison Group

Meeting 20th March 2024



Stakeholder Liaison Group Agenda

1	Welcome from Environment Agency and Partners	5 mins
2	Programme Update	10 mins
3	Planning conditions update	10 mins
4	Winter maintenance works	10 mins
5	Water vole management	5 mins
6	The season ahead	5 mins
7	Heritage	5 mins
8	Questions	10 mins



Programme Update

The project is about to enter the second year of works.

The main construction window is between 1 April and 31 October.

We now expect the scheme will take a further two years to complete.

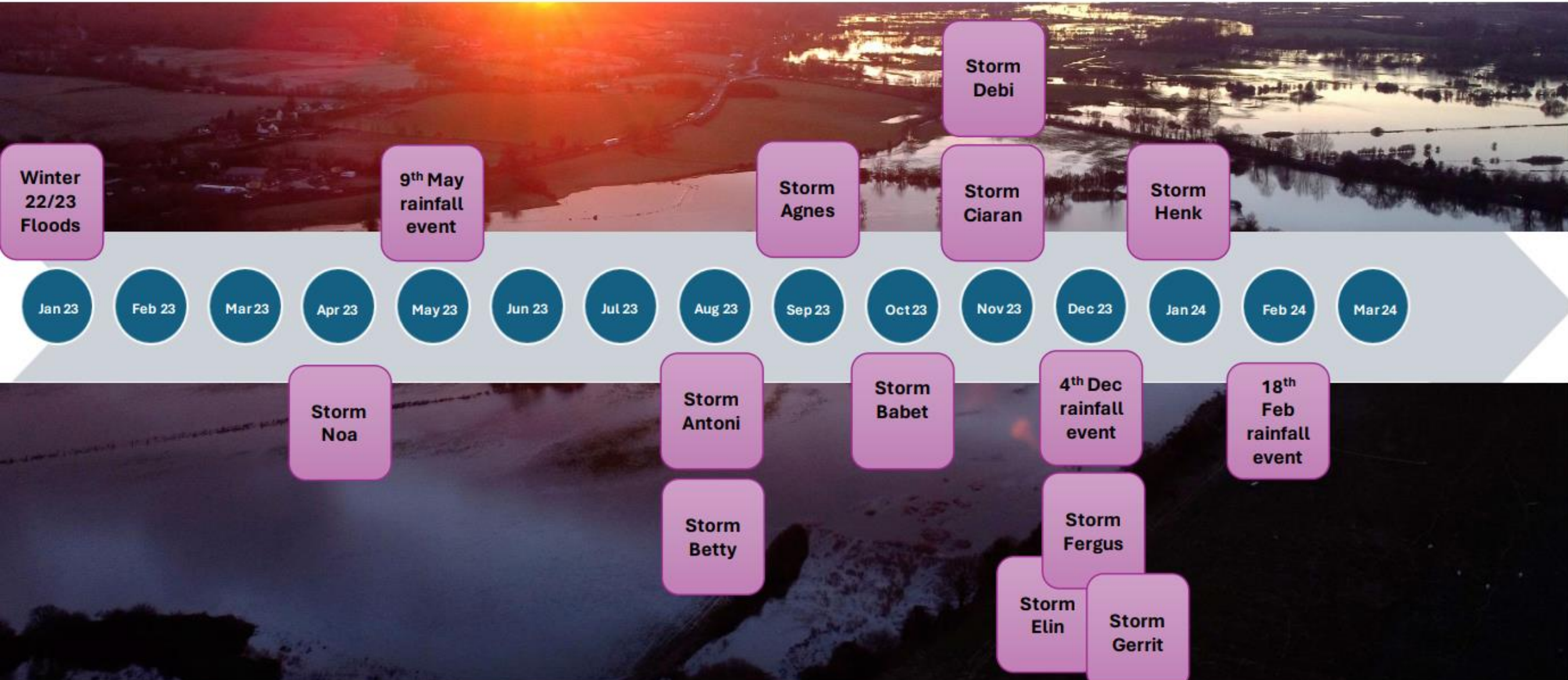
The breaches will be made by October 2026, which is later than originally planned.

Reasons:

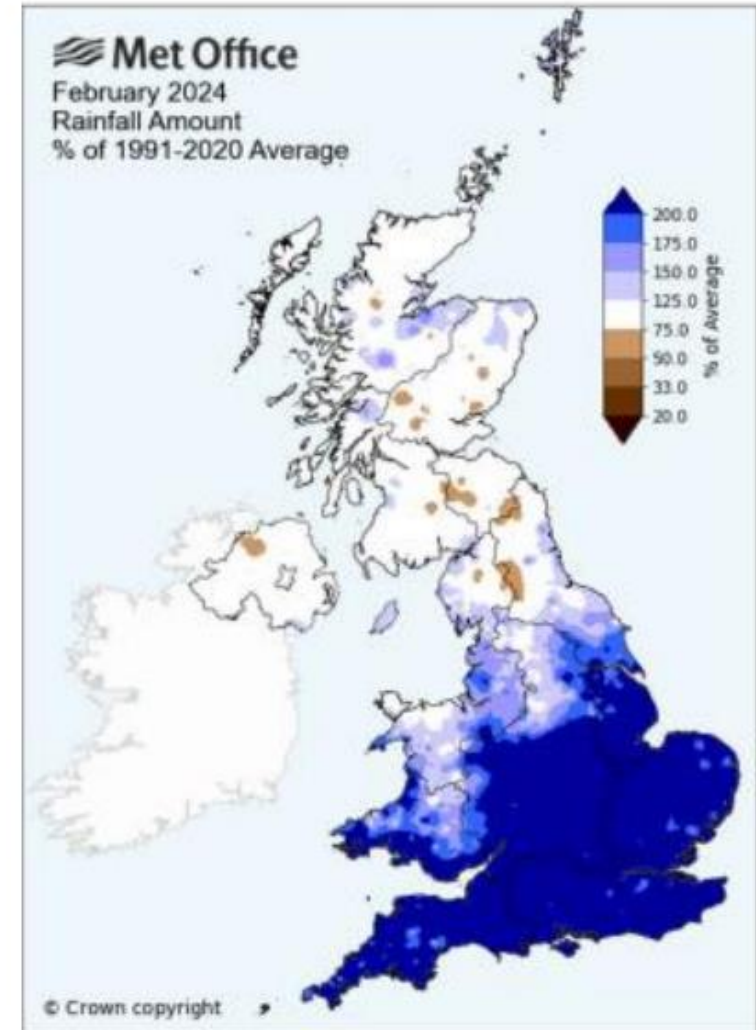
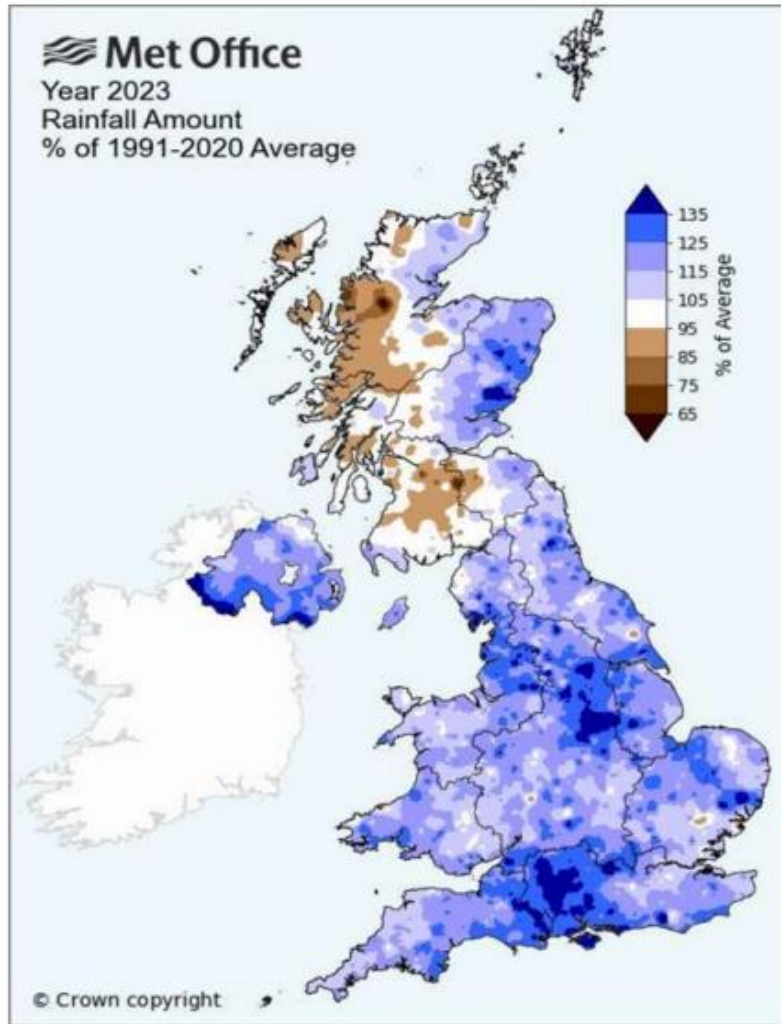
- Delayed start in 2023 due to the time taken to discharge planning conditions.
- Construction programme being adapted to suit changing ecological impacts:
 - more a widespread water vole presence,
 - larger population of sand lizards,
 - more invasive plant species.



Storms and Rainfall Events 2023-2024 so far!



Met Office – Climate Summaries



Consequently.....



Pre-commencement Planning Conditions

March 2024 Update



Access and Tree Protection Works plan for the site*

Reason: To ensure that trees and their rooting environments are afforded adequate physical protection during construction. (*Condition Discharged 25/04/23)

- Phase 2 – Main construction Phase; Tree Protection Plan and Arboricultural method statement. Fencing and protective activities
- Discharged Yr 2/ 04 03 2024

Construction method statement (CMS)

Reason: To minimise the likely impact of construction on the surrounding highway network. Discharged 19/05/23

- Kier and team earlier report



Construction traffic management plan (CTMP) *

Reason: To minimise the likely impact of construction traffic on the surrounding highway network and prevent the possible deposit of loose material on the adjoining highway. (* Subject of drop-in session 30/03/23)

- Kier team report

Construction Environmental Management Plan (CEMP)

Reason: To minimise the likely impact of construction traffic on surrounding protected sites species. Discharged 01/06/2023

- **Site based Environmental Management System,**
- **Sustainable construction, Materials/lighting/heritage/water management/ air quality/noise/ waste/ecology/ invasive species /pollution.**

Contaminated land study

Reason: To ensure potential land contamination is addressed.

Discharges 01/06/23



Habitat Creation and Management Plan (HCMP)

Reason: In the interest of surrounding protected sites and protected species.

- construction phase plan approved this week
- Condition discharged 24/03/2024

Biodiversity monitoring strategy

Reason: In the interest of surrounding protected sites and protected species.

- condition discharged phase 2, 09/02/2024

Pollution strategy

Reason: To prevent pollution of the water environment

Discharged 01/06/2023



Passing places, site access

Reason: These specified works are seen as a pre-requisite for allowing the development to proceed, providing the necessary highway infrastructure improvements to mitigate the likely impact of the proposal.

- Enabling works transport movement complied with forecast numbers
- Additional programme add to commuting trips only
- Construction activities remain with transport forecast

Monitoring strategy for sand lizards

Reason: In the interest of protected species.

- Discharged 08/06/2023
- Sand lizard licence for construction phase approved by Natural England.

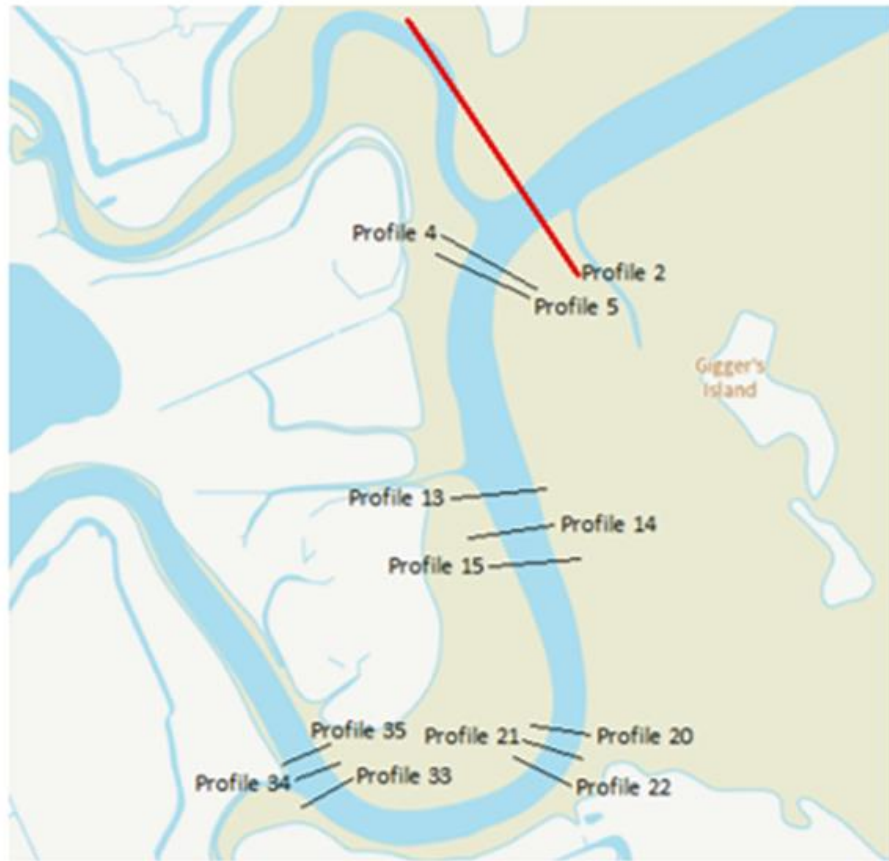


Recent and ongoing LiDAR & bathymetry summary

- 2008-2015 bathymetry surveys useful but variable coverage and detail.
- Spring 2019 to spring 2020 bathymetry surveys consistent in coverage and detail, developing a good baseline dataset.
- 2013 and 2020 LiDAR with consistent 1m resolution

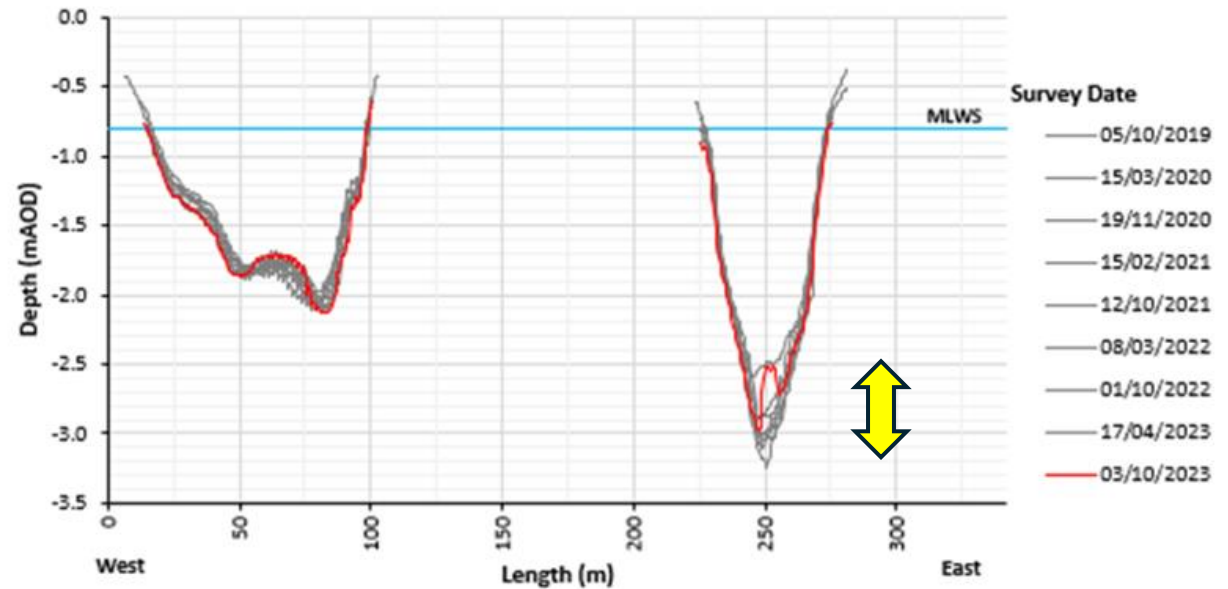
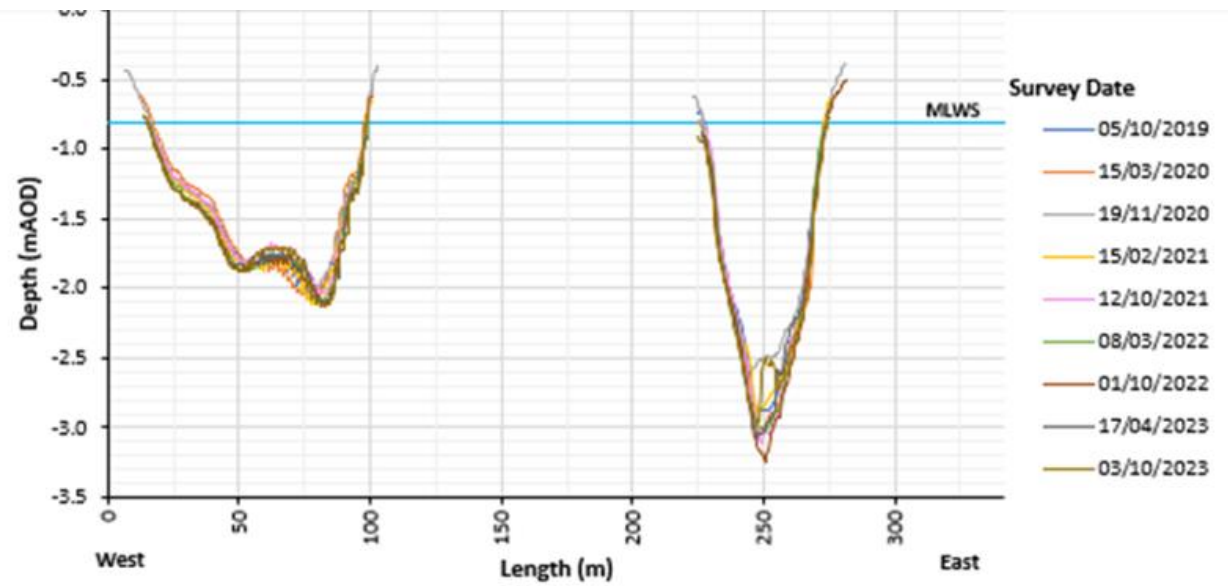


Bathymetry Comparison – Profile 2



Wareham Channel cross-section locations

-3.4 to -2.5 m OD (2019-2023)

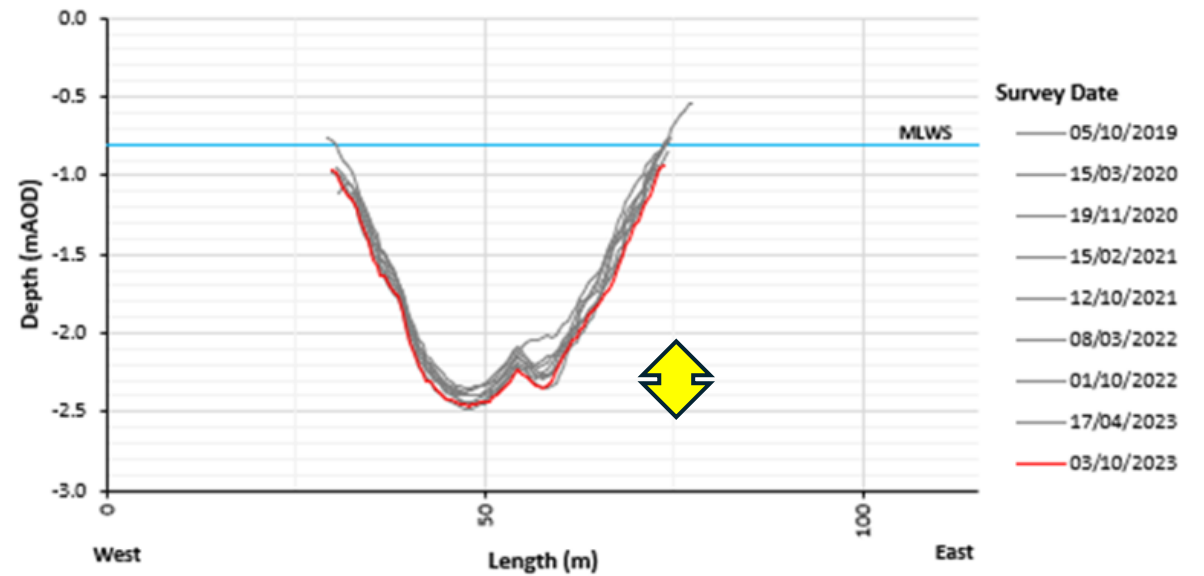
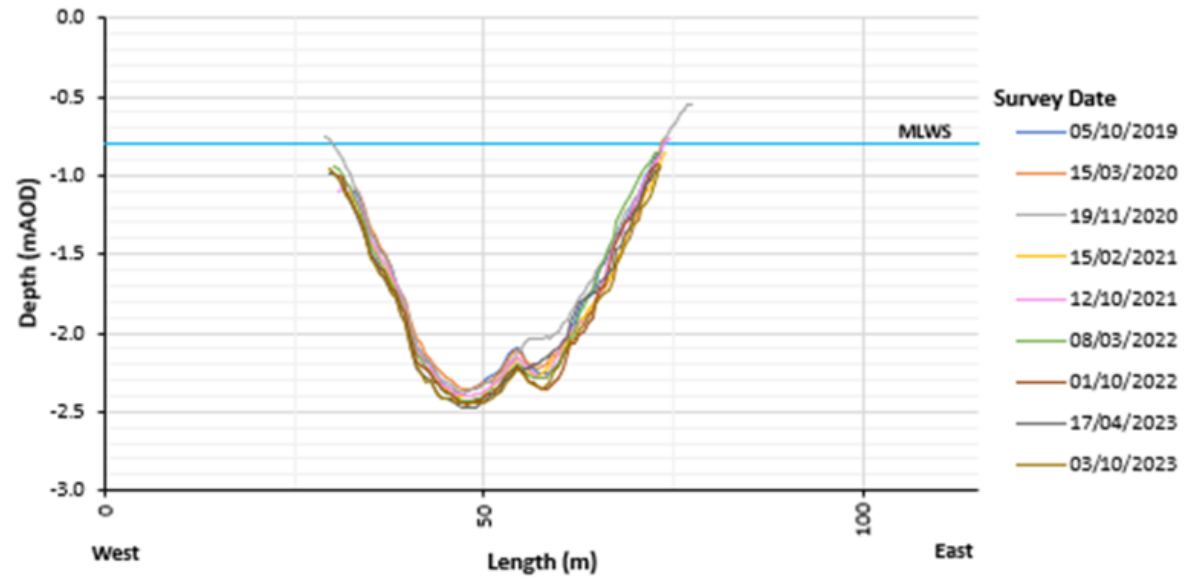


Bathymetry Comparison – Profile 5

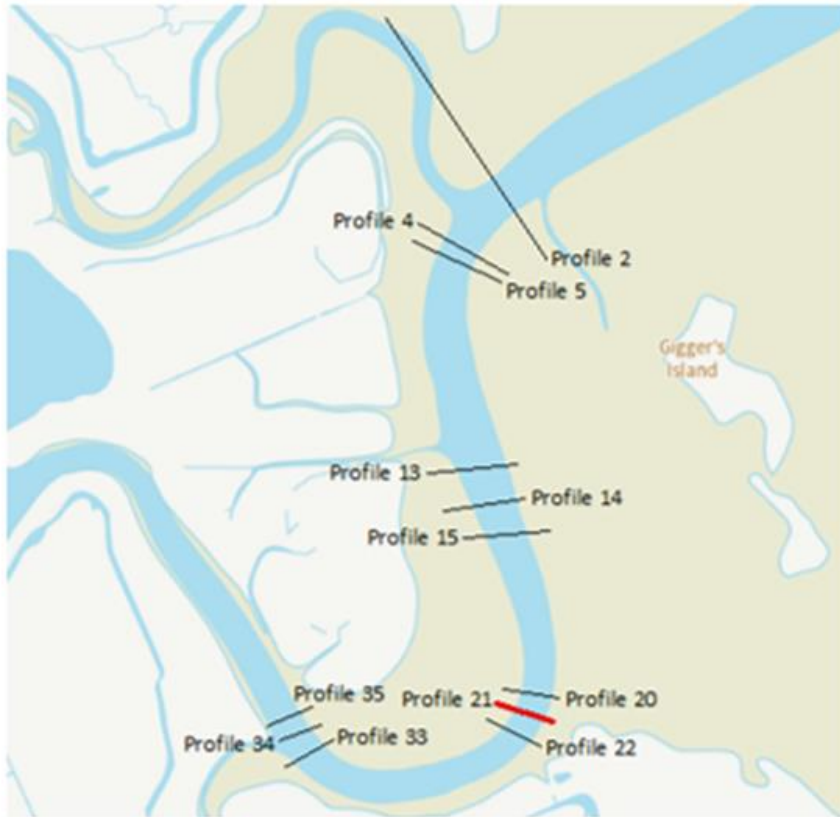


Wareham Channel cross-section locations

Lateral erosion general deepening

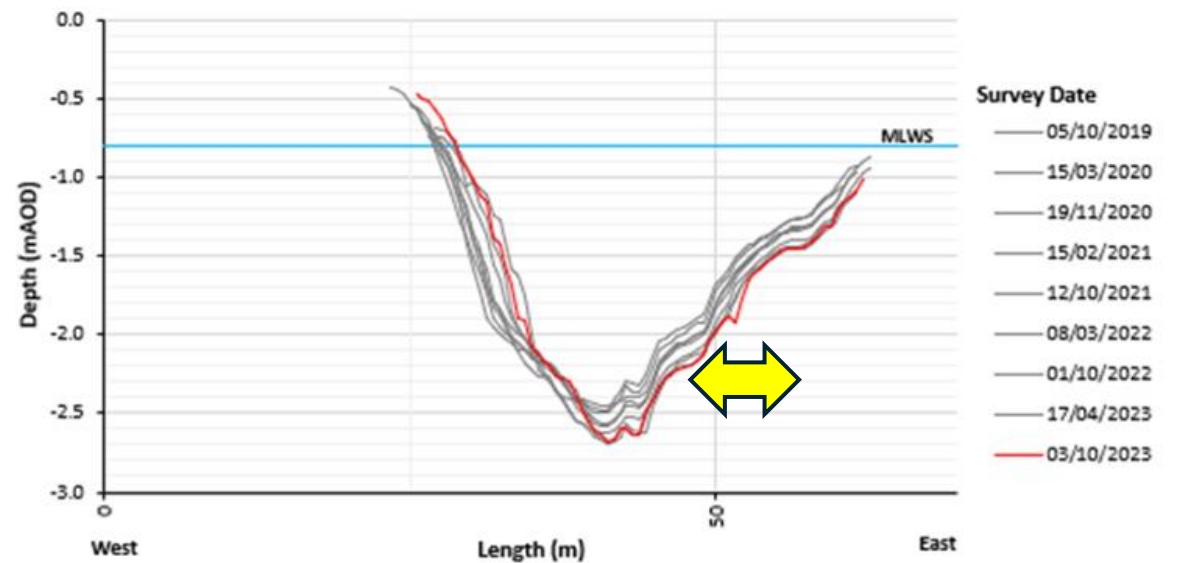
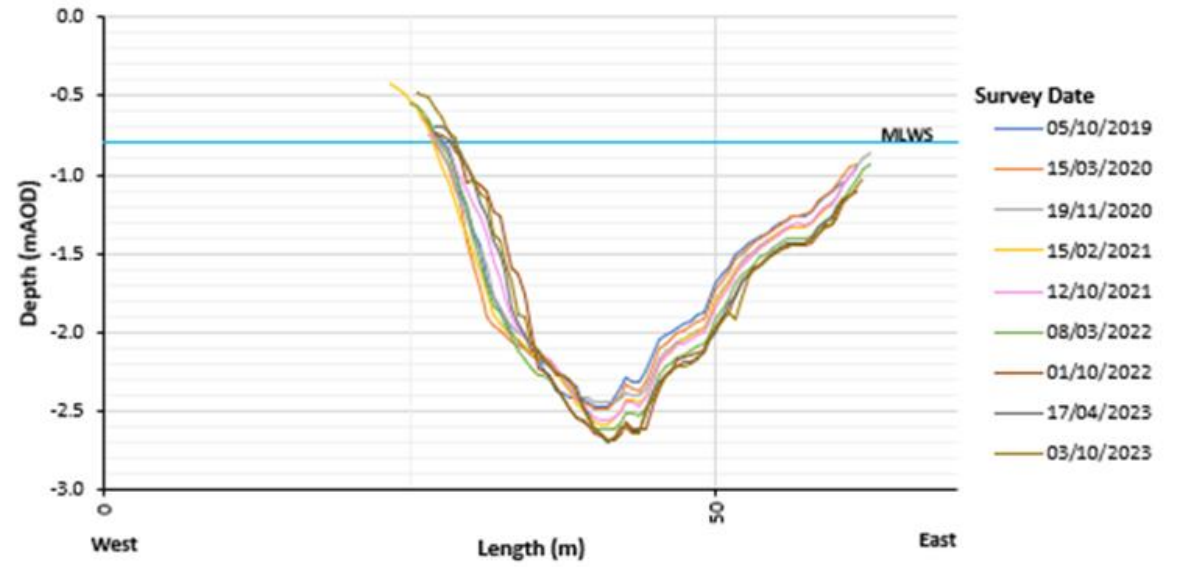


Bathymetry Comparison – Profile 21

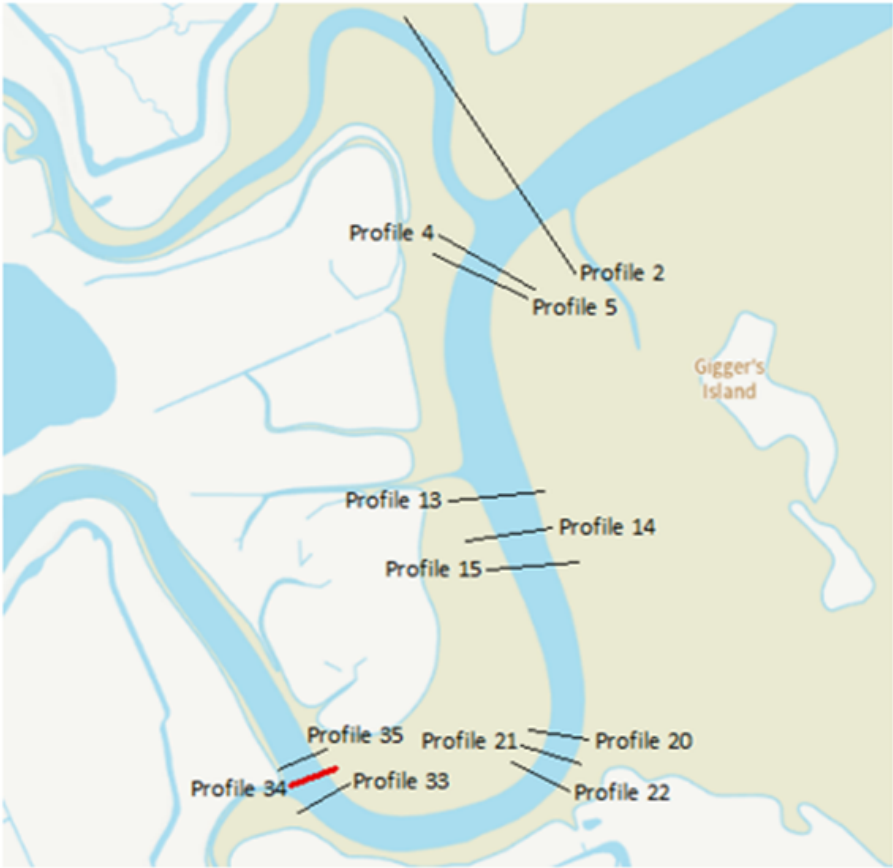


Wareham Channel cross-section locations

Channel migration 10m West to East

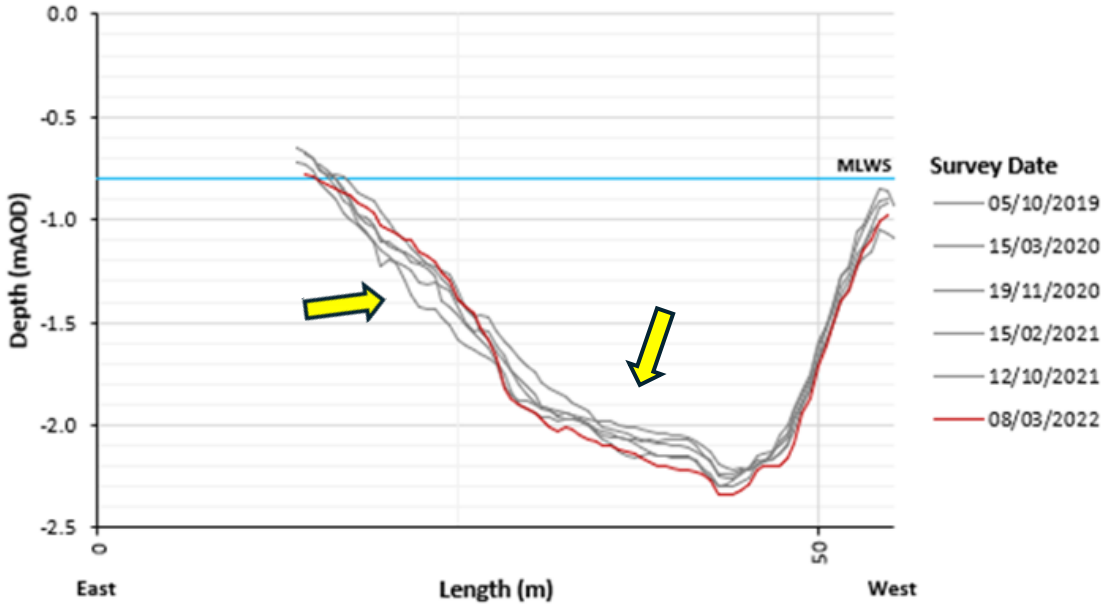
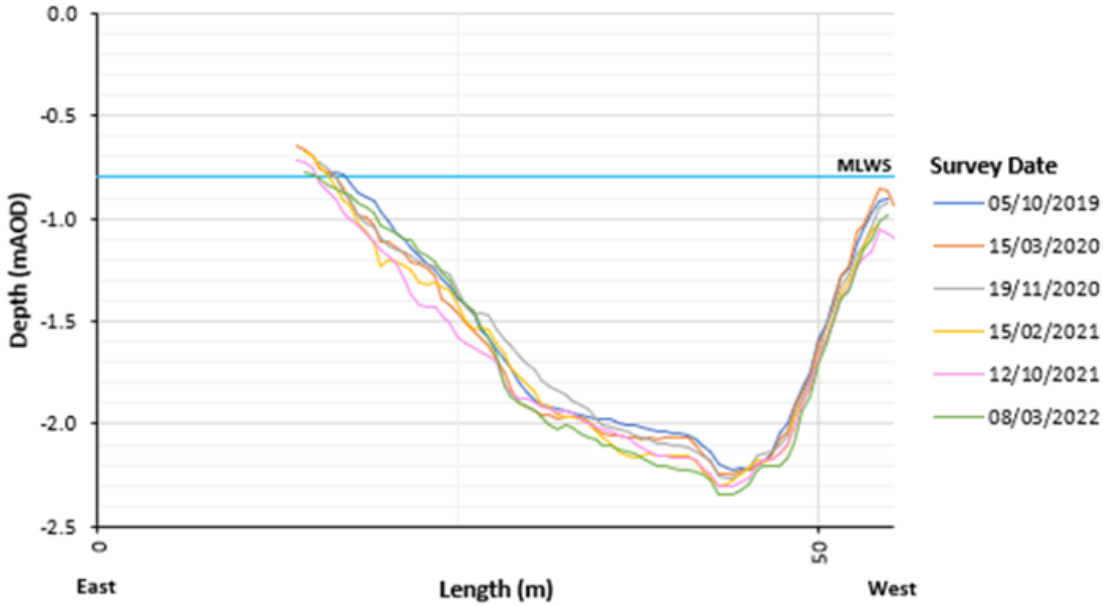


Bathymetry Comparison – Profile 34



Wareham Channel cross-section locations

General erosion of bed and deposition to East



Baseline findings channel morphology

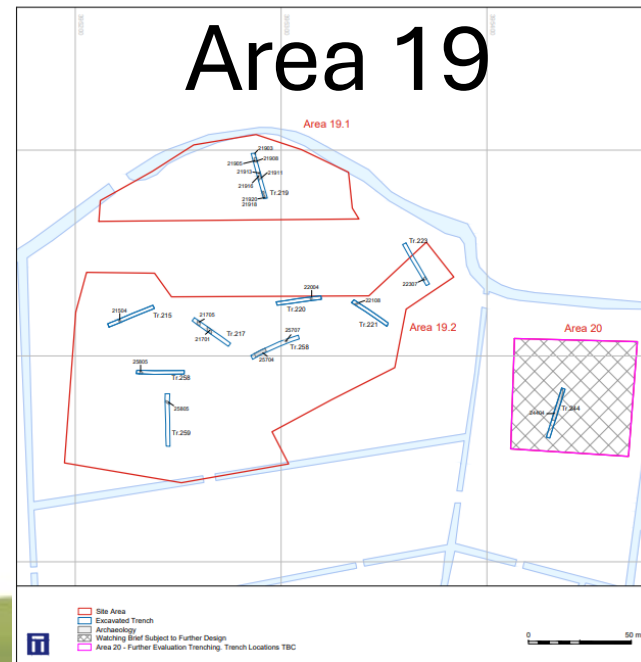
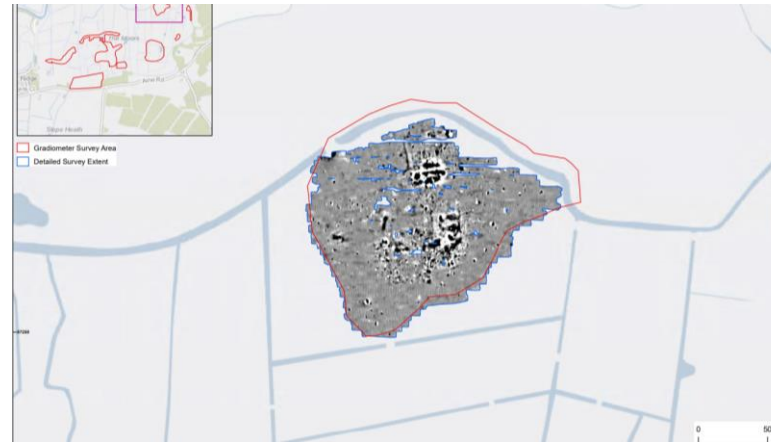
- Channel profiles (mudflats) are 95% mud & silt
- Mid channel sections comprise mixed mud/sand/gravel
 - Sand <48% Gravel <68%
 - Dominant coarse sediments are fluvial
- Profiles generally erosive between 2019-2023
 - 20-30cm banks 30-40cm bed
- General pattern of meandering to the Southern bend of the Wareham Channel



Heritage

Archaeological strip / map / record to commence

May 2024



Late Iron Age / Roman Industrial site



Black burnished ware



Salt and pottery production



Briquetage



Questions

