



## HARBOUR MASTERS REPORT TO HHAC 8<sup>th</sup> October 2014

### Operational report

#### July

- An unknown Vehicle has collided with the new stonework wall at the road access to the harbour office.
- Availability of navigational aids report sent to Trinity House
- Yacht *Pegasus* entered Hayle to repair a broken mast.
- Meeting with police regarding the seasonal problems on North Quay
- Signage reinforced on North Quay
- Life belt containers vandalised
- HHAL took ownership of its harbour launch the *Lady Nadine*.
- The *Ocean Enterprise* reported that fuel and tools had been stolen police informed
- A vehicle collided with a feeder pillar that supplies the road and quay lighting at the fishermen's compound. Western power attended.
- Swimmers removed from the navigable channel. They appear to be ignoring the Red flags - life guards informed.
- Two vessel owners were given a verbal warning for exceeding the 5knt speed restriction.
- Two elderly ladies in a rubber inflatable canoe were seen to be in difficulty in the vicinity of the flood prevention gate. Assisted by the HM and moved to a safe area.
- Save Our Sands completed a beach clean
- North quay combination lock missing - replaced
- Visiting yacht *September Sky* on North Quay for two nights

#### August

- A Complaint was received of waste being thrown overboard from *MV Feasible* moored on Lelant Quay. Vessel owner given a verbal warning. EA informed
- Report by a member of the public of a drunk youth on a pushbike on North Quay who was seen to be throwing stones at a parked white van. Police informed.
- *MV Talpia* entered the harbour en route to Padstow
- Several vessels from St Ives came across to Hayle to shelter for two days due to a forecast of poor weather.
- Gig club under-14s: Copperhouse Pool impoundment cancelled due to weather.
- North quay compound 'pay and display' decommissioned and the compound closed. Vehicle access only to Fishermen and mooring holders
- Combination lock numbers blacked out with permanent marker pen.
- Report of oil pollution, possibly diesel, in the harbour between the harbour office and East Quay. Discharge located to a pipe in the harbour wall. EA, Highways and SWW informed.
- Padlock missing from North Quay gate
- *Aquatec* wave hub survey vessel arrived at Hayle for two weeks
- Meeting with Mr D Slatter and Mr J Content re discharge of the planning application re sluicing
- Complaint of overflowing rubbish bags at Harvey's Towans car park
- Chubb completed their annual inspection of the fire extinguishers
- Harbour office exterior door frame replaced.

- A member of the public reported that the drain covers had been lifted along the North Quay road Highways informed.
- Internal audit of the PMSC completed

### September

- *MV Our Liz* broken into at Lelant - police informed
- *MV Osprey* suffered engine failure in the Bay towed in by *MV Serenity*
- *Loyal Partner* arrived in Hayle to have work carried out by Mr Baumbach
- Timeline photography of the navigational channel
- Carnsew sluice gates hung
- Break through of Carnsew Channel
- Life ring cover on North Quay and harbour launch defaced - police informed CN 0277150914
- Report of abandoned vehicle behind Clifton Terrace - notice placed on vehicle and police informed
- Harbour truck in for MOT and service
- Capt Rob Atkinson on site to conduct an external audit of the PMSC
- DHM on leave
- Fire alarm activated at harbour office police and fire brigade in attendance (False alarm)
- Availability report of navigational Aids sent to Trinity House

## HM Report

### 1 Navigable channel (Gabions)

Following the proposal to extend the wall at Chapel Anjou point with gabion baskets and meetings with Engineered Earth, modelling was conducted by Plymouth University to determine if the baskets would survive the sea conditions experienced in the estuary and if they would support sluicing to improve / straighten the navigable channel. Although the report has, as yet, not been published; following a conversation with Andy Robinson, I am led to understand that the results were encouraging. However there are some internal issues regarding the patent of the baskets and the health of a director that have to be resolved before the project can be taken forward.

### 2. North Quay car park

The seasonal problems experienced throughout the summer from youths and boy racers etc has improved since the gates were locked. Initially there were some problems with the padlocks which were either removed or tampered with but I am hopeful these issues have been resolved now that mooring holders and fishermen who require access have their own keys. There will always be problems with change, but both the fishermen and leisure users have been very supportive of the actions taken by the authority to reduce the unsociable behaviour that had been occurring on the site.

### 3 Oil Pollution

A mooring holder reported seeing diesel in the harbour which was thought to be coming from a visiting vessel. On investigation the discharge was seen to be coming from an old drain outlet at the base of East Quay close to the EA flood prevention gate. The Environment Agency, Cornwall Highways and South West Water were informed. I monitored the discharge which ceased after two days. However a further report was received on Saturday 30<sup>th</sup> Sept of pollution in the harbour which found its way into Copperhouse pool. It is possible that someone has been pouring waste oil

into the town drainage system which then finds its way into the harbour; however having looked at the immediate area around the harbour I am also concerned that the source may originate from the former ATS premises as I understand there could be buried tanks on the site. I have raised this concern with the Environment agency and am monitoring the outlet daily for any further signs of discharge.

#### **4 Safety Management System (sluicing)**

As Sluicing will soon be returned to an operational state the SMS and standard operating procedures will require to be updated to include sluicing operations. This will involve looking at the operation to ensure that all risks to the operator including lone working are addressed and where the risk cannot be reduced to *As Low As Reasonably Practicable* controls will be introduced to ensure operator safety.

#### **5 Carnsew Pool**

When the sluice gates are fully operational small vessels will be able to pass over the sill and through the gates when they open on the flood tide. This creates additional risks for the harbour authority in what is notoriously a dangerous area and which will require to be assessed to ensure any risks are to *As Low as Reasonably Practicable*. That said the authority will control entry into the pool, but the possibility of entry by unauthorised vessels is a concern I have raised with NE, RSPB and IFCA as the potential for illegal net fishing which has previously been experienced, could occur on a larger scale now the pool is more accessible.

#### **6 Booming points**

The authority's oil spill response plan has been updated to account for sluicing from Carnsew pool. In the event of a pollution incident in the estuary it will be possible to close the tunnel penstock gates to prevent the spill entering the pool, but the sluice gates will open and close with the tide cycles as there is no mechanism in place which will enable the gates to be locked open or shut. Therefore booming points have been identified in the sluice channel which will be fitted when the site is handed back to the authority. This will then enable a boom to be deployed on the seaward side of the gates should the need arise.

#### **7 PMSC Audits**

As the DHM was busy with the estate accounts I conducted the internal audit as required by the PMSC. My report was presented to the harbour board who were satisfied that the Authority continued to meet the standards set out in the PMSC and guide to good practice.

Capt Rob Atkinson Padstow HM arrived on site last month to conduct the annual external audit which he could not complete as he was unfortunately called away. When his report is concluded he will present it to the harbour board and the next HHAC meeting.

#### **8 CCTV**

As this year has seen an increase in incidents around the harbour I put a case to the Harbour Board for the need to have CCTV as we no longer have security patrols to deal with the problems that occur on site. Following my request they have authorised a limited budget for the provision of one CCTV camera and recording system to be installed at the harbour office.

#### **Specifications**

The company will supply and install a high quality, high definition colour CCTV system at Hayle Harbour Authority Ltd. This system will consist of an 8 channel Network Video Recorder (NVR) and one high definition digital colour dome camera. Images captured via the camera will be viewable from the NVR via the monitor which we will supply and install, giving you the ability to view live images as well as

enabling you to rewind and download images previously stored on the NVR's hard drive.

### **Networking**

Providing you have a static IP address on site we can network the camera allowing you to view via images over your current network via a PC. Networking will also allow you to images from your mobile phone/ Tablet/ PC etc. This will give you the ability to login and view live images from any where in the world.

### **EQUIPMENT**

- |   |    |   |
|---|----|---|
| 1 | No | High definition, digital, vandal resistant colour dome camera |
| 1 | No | 8 Channel, 2TB Network Video Recorder (NVR)                   |
| 1 | No | 22" colour High Definition Flat Screen Monitor                |

### **Equipment Description**

#### **Digital dome Camera**



It will show colour pictures during the day and will switch to monochrome at night. It also performs exceedingly well in low light conditions as it provides its own infrared illumination up to 20 metres without additional lighting. It is also housed in a vandal resistant housing. 25fps @ 1080p

#### **Network video Recorder**



The new 16 channel 7000 series NVR from QVIS is more powerful and has 16 POE ports built in! This makes powering the cameras nice and easy and setup is true plug and play.

It has VGA and High Definition HDMI outputs. The outputs all work together too for situations where multiple monitors are required. The display output is a True 1080P – utilising the full resolution available on HD monitors.

Peter Haddock  
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Hayle Harbour Authority Ltd