



# Complete Agenda

**Democratic Service**  
Swyddfa'r Cyngor  
CAERNARFON  
Gwynedd  
LL55 1SH

Meeting

**PWLLHELI HARBOUR CONSULTATIVE COMMITTEE**

Date and Time

**6.00 pm, TUESDAY, 17TH MARCH, 2020**

Location

**Committee Room, Council Offices, Ffordd y Cob,  
Pwllheli, Gwynedd, LL53 5AA**

Contact Point

**Lowri Evans**

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(DISTRIBUTED 11/03/20)

## **MEMBERSHIP:**

### **Gwynedd Council:**

Dylan Bullard  
Peter Read  
Hefin Underwood

Local Member  
Abererch Local Member  
Local Member

### **Co-Opted Members:**

Ifor Hughes

Stephen Tudor  
Michael Sol Owen  
David Dewsbury

Wil Partington

Andrew Picken  
Councillor Mici Plwm  
Alwyn Roberts

Pwllheli and District Boat Owners  
Association  
Representing Pwllheli Sailing Club  
Representing Plas Heli  
Representing Hafan Berth Holders  
Association  
Representing Pwllheli Maritime Traders  
Association  
Representing Pwllheli Chamber of Trade  
Representing Pwllheli Town Council  
Representing Pwllheli Lifeboat Institution

### **Observers:**

David Williams  
Councillor Rob Triggs  
Dr John Jones-Morris

Gareth Thomas

Aberdyfi Harbour Consultative Committee  
Barmouth Harbour Consultative Committee  
Porthmadog Harbour Consultative  
Committee  
Cabinet Member of Economic Development

# **A G E N D A**

**1. APOLOGIES**

To receive any apologies for absence.

**2. DECLARATION OF PERSONAL INTEREST**

To receive any declaration of personal interest.

**3. URGENT ITEMS**

To consider any items which are urgent matters in the opinion of the Chairman.

**4. MINUTES**

4 - 7

The Chairman will propose that the minutes of the meeting of this committee, held on 15<sup>th</sup> October 2019, be signed as a true record.

**5. UPDATE ON HARBOUR MANAGEMENT MATTERS**

8 - 37

To submit the report of the Maritime and Country Parks Officer.

**6. DREDGING UPDATE**

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To consider the report of the Maritime Officer

**7. DATE OF THE NEXT MEETING**

To note that the next meeting will be held on the 6<sup>th</sup> of October 2020

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## PWLLHELI HARBOUR CONSULTATIVE COMMITTEE 15/10/19

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**Present:** Councillor Hefin Underwood (Chair)

W. A. Partington (Maritime Traders Association), Stephen Tudor (Pwllheli Sailing Club), Michael Sol Owen (representing Plas Heli), Councillor Mici Plwm (Pwllheli Town Council) and Councillor Gareth Thomas (Cabinet Member – Economic Development).

**Also in attendance:** Barry Davies (Maritime and Country Parks Officer), Llŷr B. Jones (Senior Manager – Economy and Community), Wil Williams (Pwllheli Harbour and Hafan Manager) and Lowri Haf Evans (Democratic Services Officer).

### 1. ELECTION OF CHAIR

**RESOLVED to re-elect Councillor Hefin Underwood as Chair of this Committee for the year 2019/20.**

### 2. ELECTION OF VICE-CHAIR

**RESOLVED to re-elect Councillor Peter Read as Vice-chair of this Committee for the year 2019/20.**

### 3. APOLOGIES

Apologies were received from Councillor Peter Read, David Dewsbury (Pwllheli Marina Berth Holders' Association), and Alwyn Roberts (RNLI).

### 4. DECLARATION OF PERSONAL INTEREST

No declarations of personal interest were received from any members present.

### 5. URGENT ITEMS

There were no urgent items.

### 6. MINUTES

The Chair signed the minutes of the previous meeting of this Committee, held on 26 March 2019, as a true record.

A request was made for the results of the hydrographic survey conducted in March 2019 to be shared with members.

### 7. UPDATE ON HARBOUR MANAGEMENT MATTERS

(a) A report was presented by the Maritime and Country Parks Officer and the Harbour Manager giving a brief update to the Committee on harbour matters for the period from March 2019 – October 2019. Attention was drawn to the following main points:

- That a detailed inspection of Pwllheli's navigational aids was to be undertaken by Trinity House Lighthouse Authority inspectors in October 2019. The officers did not foresee any issues.

- That developments such as a new weather station, web cameras and upgrading broadband improved customers' access to timely information
- That Parking and Launching companies were launching a number of boats without displaying appropriate PW and PC registration stickers. **It was suggested that the Maritime Traders Association representative should discuss with the companies and encourage them to register**
- That Hafan and Harbour customers had welcomed the self-service facility for red diesel fuel. Despite this, following a consultation and the action of the European Union Justice Court regarding diesel fuel used in private pleasure boats, and the decision that the UK would not be able to supply red diesel; it was possible that Hafan would be required only to provide a white diesel supply in the future. If any changes occurred, officers would notify users at once.
- That maintenance work on the North Quay had become more difficult over the last few years, with a lack of resources, funding and staff to complete the necessary works. **Officers were urged to give due attention to the area and to hold discussions with the Highways and Municipal Department regarding the sharing of responsibilities for maintenance work.**
- Reference was made to a brief summary of the Harbour and Hafan's budgets and current financial situation up to the end of September 2019.
- It was recommended that the Hafan Pwllheli and Outer Harbour fees should be raised by 2% for 2020. **The recommendation was accepted.**
- It was recommended that daily launching fees should be increased from £10 to £15. It was highlighted that launching fees had not increased in over 18 years, and that this increase would be a boost to increasing income. It was reiterated that there would be no amendments to the other fees. **The recommendation was accepted with a request for officers to encourage users to register and use the service.**
- The number of boats stored onshore over a number of years had added to the boat storage problem. **It was suggested that the situation be reviewed, with consideration given to charging rent depending on the length of the 'onshore stay' period.**
- That the Hafan's accounting system was now based at the Gwynedd Council Income Department, Caernarfon. As a result, it was reported that it would be possible to cancel the additional fee of 5% for the cost of an annual mooring in the Hafan by direct debit payments.
- That work had now commenced on the new RNLI lifeboat station. It was reported that Wynne Construction was responsible for this development. It was reiterated that this would be a new and exciting attraction for the local area.
- The British Dragon Association event and the Jester Challenge had been successful.
- An update was received on Plas Heli events, in which it was reported that 1060 competitors had taken part in events; eight major competitions had been held; and that the Sailing Association had 31 young members (four of whom represented Wales). Eight weddings and 18 funerals / funeral teas had been held; between three and five meetings were held weekly by various associations; 27 members of staff worked there at busy times. It was agreed that Plas Heli was certainly a boost to the local economy. The Pwllheli Sailing Club representative noted that landscaping work had been completed for the beach car park and the quay, along with drainage improvement works; and that three flagpoles were to be moved to the Plas Heli entrance to add colour. **It was suggested that more signs were needed to direct visitors / residents to the café.**

**RESOLVED to note and accept the report.**

## **8. UPDATE ON SAFETY CODE AND DREDGING MATTERS**

- **Port Marine Safety Code**

Following the Consultative Committees' decision that an item on the Safety Code was to be a standing item on the agenda of every meeting of the Consultative Committees, an update was received on safety code matters. It was explained that the Maritime and Country Parks Service reviewed the Safety Code for the municipal harbours of Gwynedd on a regular basis to ensure that all safety systems at the harbours complied with the requirements of the code, the expectations of customers; and conformed to Health and Safety requirements.

Members were reminded that the Maritime and Coastguard Agency's Chief Auditor had carried out a follow-up review of the safety procedures and systems at Gwynedd's municipal harbours in March 2019. It was confirmed that the Council conformed to expectations. It was highlighted that no issue or cause of concern had been submitted for the attention of the service by Members of the Harbour Committee in 2019, to date, in relation to the Harbour's statutory responsibilities and duties.

- **Dredging**

Following an invitation to tender on Sell2Wales, it was reported that the work of restoring Grwyn y Crud had been offered to the Jennings company for approximately £225,000. It was noted that, despite completing the necessary preparatory work for submitting an application for a Marine Licence to Natural Resources Wales, the licence had not been received (although a draft of the confirmation had been received). Members were reminded that it was essential to receive a Marine Licence as the footprint of the groyne extended beyond the existing footprint. It was noted that there was no intention to extend the nose of the groyne (this would mean additional costs and a time restriction of up to 10 years). It was added that the development was well designed and that the news was encouraging. The original groyne was to be demolished, and the new groyne built of stone.

In response to the plan, disappointment was expressed that there was no way of structuring and extending the nose of the groyne, as this would be an ideal solution, in accordance with the true need. Although it was accepted that there was a need for the work to commence, it was also suggested that there should be an effort to forward-plan for a long-term solution. **It was proposed that the Assembly Member Dafydd Elis Thomas, Deputy Minister for Culture, Sport and Tourism (Dwyfor and Meirionnydd constituency) should be contacted to draw attention to Natural Resources Wales' strict regulations, along with obstacles in environmental legislation and policies preventing the construction of effective groynes. It was reiterated that the Harbour was a valuable resource to attract tourists into the area, which was of economic benefit to the County.**

- **Distillation Lagoon**

It was noted that around 18,000 cubic metres of material had been dredged from the harbour basin and channel, and that alternative methods of sediment disposal would need to be considered before starting the next campaign.

- **Dredging Work**

It was noted that the 'Royal Smals' company had completed the dredging work in the navigation channel and in the Hafan/Plas Heli basin. It was reported that the price for the work was £140,000, and that the company had worked in an effective and convenient manner, without impacting upon the harbour's operations in any way.

- **Sand Mound**

It was reported that the sand mound near the Harbour entrance was almost full and that it was not possible to undertake any substantial additional dredging work until the sand and gravel had been removed from the site. It was noted that the Council was

in the process of advertising opportunities for companies to purchase the sand through Sell2Wales. It was also noted that discussions had been held with Natural Resources Wales regarding the relocation of the sand to the nearby beaches of Abererch and Traeth Crugan. It was added that Gwynedd Council would have to move the sand should there be a decision to do so.

**RESOLVED to note and accept the reports.**

**9. REVIEW OF PWLLHELI HAFAN AND HARBOUR**

An update was given by the Senior Manager – Economy and Community on the management model review for the Harbour and Hafan. It was noted that, despite the work schedule having slipped somewhat, Strategic Leisure had now completed the report and its main recommendations received. It was reported that those recommendations were being discussed with the Council's Legal and Property Departments. The next step would be to arrange meetings with those organisations who had contributed to the review, in order to discuss the main conclusions.

An extraordinary meeting of the Consultative Committee to receive a presentation on the main conclusions was proposed and seconded.

**RESOLVED to accept the information and to request that the Department arrange a meeting with the Members of the Consultative Committee to receive the main conclusions of the review**

**10. DATE OF NEXT MEETING**

It was noted that the next meeting was to be held on 17 March, 2020.

The meeting commenced at 6.00pm and concluded at 7.45pm.

**CHAIR**

# Agenda Item 5

<b>MEETING</b>	<b>Pwllheli Harbour Consultative Committee</b>
<b>DATE</b>	<b>17 March 2020</b>
<b>TITLE</b>	<b>Update on Harbour Management Matters</b>
<b>AUTHOR</b>	<b>Pwllheli Harbour Manager</b>

## **1. Operational Items**

- 1.1 All Aids to Navigation within Pwllheli Harbour are working and on station.
- 1.2 The Pwllheli Fairway Buoy will be changed for the summer Fairway Buoy during the next month; this buoy is of a larger diameter to the winter buoy. During the summer months the winter buoy will be serviced ready for deployment in October.
- 1.3 There is one 'Notice to Mariners' currently in operation in Pwllheli Harbour. This Notice to Mariners is associated with the extension of the repair works being undertaken on the Crib Groyne whereby the Port Aid to Navigation has been temporarily removed.
- 1.4 Storm "Ciara" and storm "Denis"- The harbour experienced two quite powerful storms within a week of each other in February. We estimate that gusts of up to 80mph came through the harbour combined with spring tides during Storm Ciara. Although no major damage occurred it serves to remind us all how powerful nature can be.
- 1.5 Fuel Quay – Self Service Unit/Red Diesel - Since the last Harbour Consultative meeting in October 2019 we are still awaiting guidance from HMRC regarding the sale of Red Diesel to "pleasure vessels". Ireland announced in November 2019 that they will be only sell white diesel to pleasure vessels. The Council will continue to sell red diesel to pleasure craft until such announcement has been made.

As from 1<sup>st</sup> April diesel and petrol sales will be conducted through the self-service pump at the usual 60/40 split. The separate payment card terminal that has existed in the kiosk has virtually been made redundant by the new self-service pump and will be removed by 1<sup>st</sup> April 2020. A very small number of customers who have had fuel account entitlement in the past will be required to use their credit/debit cards to purchase fuel in the future.

## **2.0 Maintenance**

- 2.1 North Quay – During Storm Ciara the shelter in the area opposite the Glan Don Industrial estate was blown down. The shelter was removed within 2-3 days and the area has been made safe.
- 2.2 Ladies toilet and shower facility –a number of improvements were carried out in January. Work included moving toilet doors to open outwards, additional mirrors, new shower doors, additional hooks and new holders for toiletries.
- 2.3 Gents toilet and shower facility – interior shower cubicle doors were modified; these doors now open outwards which helps provide better ventilation when the shower is not in use.
- 2.4 Automatic door to the Berth Holders' Toilet/Shower facility - A new automatic door



was fitted in January to the toilet and shower facility, similar to that installed at the downstairs marina lobby entrance. The new door will help reduce draughts and will retain the temperature.

2.5 During this winter maintenance period, it was necessary to commit financial resources to the following: -

- Automatic door toilet/shower facility
- Travel Hoist Hydraulic ram/pipes
- Travel Hoist radiator
- Resurfacing and clearing of compound No.3

### **3.0 Staffing Matters**

3.1 There is currently one vacant post at Pwllheli, which we hope to appoint a new member of staff in the coming weeks.

3.2 We will also be looking at employing a General Harbour Assistant/s for the 2020 summer season.

### **4.0 Financial Matters**

4.1 A financial report up to the end of February 2020 has been provided in Appendix 1.

### **5.0 Fees and Charges 2020/21**

5.1 Arrangements for customers choosing to pay for their annual berth by Direct Debit in the Hafan will fall in line with the Outer Harbour for 2020, whereby customers will not be charged the additional 5% charge for using this facility, early indication appears that more people are now choosing this method of payment.

5.2 A copy of the fees for the Harbour and Hafan are included within this report.

### **6.0 Annual Harbour/Hafan Statistics etc**

6.1 Details of the Hafan and Harbour statistics for 2019/20 are included in Appendix 2.

6.2 Berth renewals – annual contracts being returned are in line with 2019 for the 2020 Financial Year; we will have a clearer indication of the final total by the end of April.

6.3 Boat Hoist/Storage ashore – The Hafan boat hoist utilisation seem to be steady but as reported at the last Harbour meeting land space for the storing of vessels ashore has now filled up. The storage area will be at capacity until late April early May when boats will be returning to the water.

### **7.0 Other matters**

- 7.1 Defibrillator - We have received a request that a defibrillator be made available at the Hafan. Whilst we have no objections to this request we will investigate opportunities and investigate a suitable location for the defibrillator.
- 7.2 Electric vehicle charging points – More berthholders are now using electric vehicles to commute to the Hafan. The number will undoubtedly increase over the next five years or so. We are in the process of looking at a suitable location within the Hafan site that can be used to locate charging points for the future.
- 7.3 Marketing – a list of marketing activities we have conducted in the last twelve months will be made available during the meeting.
- 7.4 Broadband upgrade - A fibre-optic broad band cable has now been installed within the Hafan building. Hafan Pwllheli customers should see a considerable difference in upload speed compared with the old system.
- 7.5 New Weather station - The weather station is now up and running and is available on the Hafan Pwllheli website for those wishing to have a look at the weather in Pwllheli Harbour.
- 7.6 Web Cam - We are currently installing three web cams at the Hafan. These three cameras will be linked to the Hafan website and will enable viewing access to live images of the Hafan/Harbour and the channel entrance on their browser.

Hafan

2016	Heb ei osod	Gost yr Angorfa	Nifer ar gael	Canran yn wag
	No Empty	Berth Fee	No of berths available	Percentage empty
up to 6m	8	2130.01	22	36.36%
up to 8m	3	2840.03	32	9.37%
7m to 10m	44	3549.18	158	27.84%
10m to 12m	38	4302.66	111	34.23%
12m to 13.5m	22	4840.49	60	36.66%
13.5m to 15m	7	5378.32	24	29%
over 15m	0	7170.82	2	0%
	<b>122</b>		<b>409</b>	29.82%

Harbwr

2016	Heb ei osod	Gost yr Angorfa	Nifer ar gael	Canran yn wag
	No Empty	Berth Fee	No of berths available	Percentage empty
Area 1	0	63.55/85.89	1	0.00%
Area2	4	78.06/104.36	12	33.00%
Area 3	7	149.12/161.26	39	17.94%
Area 4	5	17.95/18.43	10	50.00%
Area 5	8	83.92/113.47	16	50.00%
Area 6	8	77.95/105.36	8	100.00%
Area 7	24	77.95/105.36	28	85.71%
	<b>56</b>		<b>114</b>	48.00%

Hafan

2017	Heb ei osod	Gost yr Angorfa	Nifer ar gael	Canran yn wag
	No Empty	Berth Fee	No of berths available	Percentage empty
up to 6m	3	1849.31	22	14.00%
up to 8m	1	2130.00	32	3.00%
7m to 10m	42	373.02	158	26.00%
10m to 12m	31	373.02	111	27.00%
12m to 13.5m	23	373.02	60	38.00%
13.5m to 15m	3	373.02	24	12%
over 15m	0	373.02	2	0%
	<b>103</b>		<b>409</b>	25.00%

**Harbwr**

<b>2017</b>	<b>Heb ei osod</b>	<b>Gost yr Angorfa</b>	<b>Nifer ar gael</b>	<b>Canran yn wag</b>
	<b>No Empty</b>	<b>Berth Fee</b>	<b>No of berths available</b>	<b>Percentage empty</b>
<b>Area 1</b>	0	64.82/87.61	1	0.00%
<b>Area2</b>	5	79.62/106.45	12	41.00%
<b>Area 3</b>	10	152.11/164.48	39	25.00%
<b>Area 4</b>	0	18.00/18.80	10	0.00%
<b>Area 5</b>	4	81.88/148.02	16	25.00%
<b>Area 7</b>	7	79.51/107.47	8	87.00%
	<b>26</b>		<b>86</b>	<b>30.00%</b>

**Hafan**

<b>2018</b>	<b>Heb ei osod</b>	<b>Gost yr Angorfa</b>	<b>Nifer ar gael</b>	<b>Canran yn wag</b>
	<b>No Empty</b>	<b>Berth Fee</b>	<b>No of berths available</b>	<b>Percentage empty</b>
<b>up to 6m</b>	0	1886.29	22	0.00%
<b>up to 8m</b>	0	2172.60	32	0.00%
<b>7m to 10m</b>	53	380.48	158	33.54%
<b>10m to 12m</b>	32	380.48	111	28.82%
<b>12m to 13.5m</b>	26	380.48	60	43.33%
<b>13.5m to 15m</b>	6	380.48	24	25%
<b>over 15m</b>	2	380.48	2	100%
	<b>119</b>		<b>409</b>	<b>32.96%</b>

**Harbwr**

<b>2018</b>	<b>Heb ei osod</b>	<b>Gost yr Angorfa</b>	<b>Nifer ar gael</b>	<b>Canran yn wag</b>
	<b>No Empty</b>	<b>Berth Fee</b>	<b>No of berths available</b>	<b>Percentage empty</b>
<b>Area 1</b>	0	66.12/89.36	1	0.00%
<b>Area2</b>	5	81.22/108.48	12	41.66%
<b>Area 3</b>	11	155.15/167.77	39	28.20%
<b>Area 4</b>	0	18.36/19.18	10	0.00%
<b>Area 5</b>	3	87.31	16	18.75%
	<b>19</b>		<b>78</b>	<b>31.40%</b>

## Hafan

2019	Heb ei osod	Gost yr Angorfa	Nifer ar gael	Canran yn wag
	No Empty	Berth Fee	No of berths available	Percentage empty
up to 6m	1	1944.77	22	4.00%
up to 8m	5	2239.94	32	15.00%
7m to 10m	48	392.28	158	30.00%
10m to 12m	36	392.28	111	32.00%
12m to 13.5m	19	392.28	60	31.00%
13.5m to 15m	3	392.28	24	12%
over 15m	1	392.28	2	50%
	<b>113</b>		<b>409</b>	27.00%

## Harbwr

2019	Heb ei osod	Gost yr Angorfa	Nifer ar gael	Canran yn wag
	No Empty	Berth Fee	No of berths available	Percentage empty
Area 1	0	66.12/89.36	1	0.00%
Area2	4	81.22/108.48	12	33.00%
Area 3	10	155.15/167.77	39	25.00%
Area 4	0	18.36/19.18	10	0.00%
Area 5	3	87.31	16	18.00%
	<b>17</b>		<b>78</b>	21.00%

Maritime and Country Parks							
DG51-HAFAN		End February-2020					
GROUP	ACC	DESCRIPTION	BUDGET	EXPENDITURE	COMMITMENT	Total	OVER (UNDER)
Staff	AGWE	Staff Costs	306,260	271,881	22,642	294,523	(11,737)
Property	BEID	Ground and Buildings	445,010	542,361		542,361	97,351
Transport	CTRA	Boat and Vehicles	9,590	1,990		1,990	(7,600)
Equipment	DCYF	Tools and Equipment	101,250	85,027		85,027	(16,223)
Central Support	GCEF	Central Support	0	25		25	25
Income	INCM	Harbour Income	(1,347,320)	(1,345,325)		(1,345,325)	1,995
Total	CYF	Total	(485,210)	(444,041)	22,642	(421,399)	63,811

Maritime and Country Parks							
DG52-HARBWR		End February-2020					
GROUP	ACC	DESCRIPTION	BUDGET	EXPENDITURE	COMMITMENT	Total	OVER (UNDER)
Staff	AGWE	Staff Costs	29,270	20,924	1,900	22,825	(6,445)
Property	BEID	Ground and Buildings	14,190	451		451	(13,739)
Transport	CTRA	Boat and Vehicles	630	17		17	(613)
Equipment	DCYF	Tools and Equipment	7,470	678		678	(6,792)
Income	INCM	Harbour Income	(42,880)	(41,848)		(41,848)	1,032
<b>Total</b>	<b>CYF</b>	<b>Total</b>	<b>8,680</b>	<b>(19,777)</b>	<b>1,900</b>	<b>(17,877)</b>	<b>(26,557)</b>

## Ffioedd - Hafan Pwllheli -Fees – 2020/21

	<b>£ inc. VAT</b>	
<b>Angorfa Pontŵn Blwyddyn fesul medr (lleiafswm 7m)</b> Blynyddol mewn 1 taliad (heb drydan) neu yn Blynyddol mewn 10 rhandal (heb drydan) Trydan fesul medr Blynyddol mewn 1 taliad (gyda thrydan) neu yn Blynyddol mewn 10 rhandal (gyda thrydan) +10% i gychod masnachol di breswyl yng Ngwynedd	<b>400.13</b>  <b>21.38</b>  <b>421.51</b>	<b>Annual pontoon berthing per m (min 7m)</b>  Paid in 1 instalment (without electricity) or Paid in 10 instalments (without electricity) Electricity per metre Paid in 1 instalment (including electricity) or Paid in 10 instalments (including electricity) +10% for commercial vessels-non-resident in Gwynedd
<b>Safle Blynyddol Cwch Dydd (mwyafrif 8m)</b> Fynnu hyd at 6m (Taliad sefydlog) D33 – D52 Fynnu hyd at 8m (Taliad sefydlog) D01 – D32	<b>1983.66</b> <b>2284.74</b>	<b>Annual Day boat (max 8m)</b> Up to 6m (Fixed charge) D33 – D52 Up to 8m (Fixed charge) D01 – D32
<b>Blynyddol Cwch Dydd mewn 10 rhandal</b> Fynnu hyd at 6m (Taliad sefydlog) D33 – D52 Fynnu hyd at 8m (Taliad sefydlog) D01 – D32	<b>1983.66</b> <b>2284.74</b>	<b>Annual Day boat paid in 10 instalments</b> Up to 6m (Fixed charge) D33 – D52 Up to 8m (Fixed charge) D01 – D32



## Ffioedd - Hafan Pwllheli -Fees – 2020/21

	<b>£ inc. VAT</b>	
<b>Ymwelwyr</b> Amser byr (uchafswm 4 awr) tal sefydlog-pob cwch yn cynnwys cychod siarter Tros nos fesul medr - lleiafswm 7m Wythnosol fesul medr (lliafswm o 5 noson i derbyn)	<b>14.63</b>  <b>2.69</b> <b>16.58</b>	<b>Visitor Berthing</b> Short stay-load/unload (max 4 hrs) fixed charge- all vessels including charter vessels Overnight per m - min 7m Weekly per m (min 5 nights stay to qualify)
Gaeaf fesul mis fesul medr yn unig (01 Hydref – 31 Mawrth)	<b>23.49</b>	Winter Per m per calendar month (01 October – 31 March only)
Fesul mis Dalwyr Angorfa Cyngor Gwynedd yn unig (01 Hydref – 31 Mawrth yn unig)	<b>81.15</b>	Per calendar month Gwynedd Council Mooring Holders only (01 October – 31 March only)
<b>Trydan (pontŵn)</b> Cynnal a chadw blynyddol ac unedau ar dal wedi eu hysbysebu	<b>Cynwysedig Included</b>	<b>Electricity (pontoons)</b> Annual maintenance charge plus units at advertised unit rate
<b>Cwch yr Hafan</b> Fesul awr Lleiafswm	<b>47.31</b> <b>47.31</b>	<b>Marina Launch</b> Charge per hour Minimum charge

	<b>£ inc. VAT</b>	
Peiriant codi cychod- fesul medr Codi Allan / Codi-Dal-Lansio i fyny i 7m 7.1m i 9m 9.1m i 10m 10.1m i 11m 11.1m i 12m 12.1m i 15m Dros 15m <b>Lansio yn unig</b> i fyny at 7m 7.1m at 9m 9.1m at 10m 10.1m at 11m 11.1m at 12m 12.1m i 15m Dros 15m Symud Cwch yn yr Iard fesul medr Scrwb amser cinio wedi ei disgowntio	   <b>16.87</b> <b>20.69</b> <b>21.54</b> <b>21.95</b> <b>22.56</b> <b>24.14</b> <b>39.23</b>  <b>15.59</b> <b>19.12</b> <b>19.93</b> <b>20.32</b> <b>21.54</b> <b>22.32</b> <b>35.31</b> <b>9.74</b> <b>12.83</b>	Travel Hoist – per metre Lift Out / Lift-Hold-Launch Up to 7 m 7.1m to 9 m 9.1m to 10m 10.1m to 11m 11.1m to 12m 12.1m to 15m Over 15m <b>Launch only</b> Up to 7 m 7.1m to 9 m 9.1m to 10m 10.1m to 11m 11.1m to 12m 12.1m to 15m Over 15m Yard Movement per m Discounted lunchtime scrub
Storio Storio ar y lan i berchennog doc fesul medr fesul dydd Storio ar y lan i ymwelwyr fesul medr fesul dydd	  <b>.33</b> <b>.48</b>	Storage Annual contract holders per m per day Non-Annual contract holders per m per day
Storio crud/ôl cerbyd i ymwelwyr fesul dydd	<b>1.75</b>	Storage of cradles/trailers for non contract holders per day
Llogi crud Hafan fesul dydd	<b>1.75</b>	Hire of marina cradle/boat stands per day
Llafur ategu	<b>45.78</b>	Shoring labour charge

	<b>£ inc. VAT</b>	
<b>Llithriad - Uchafrif 80 cwch fesul cwmni - Uchafrif 6 cwmni</b>	<b>3000.00 (-20%)</b>	<b>Slipway – Maximum 80 vessels per company - Maximum 6 companies</b>
<b>Trydan ar y lan</b> Perchennog doc blynyddol Defnydd dyddiol ( <b>cynnwys TAW</b> ) Peiriant pŵer dros dro Unedau ar gost fel arddangos yn y dderbynfa	<b>Cynwysedig/Included</b> <b>3.70</b>	<b>Electricity onshore</b> Annual contract holders Daily charge ( <b>inc VAT</b> ) Intermittent use for power tools Units used at unitary rates as displayed in reception.
<b>Hwyllo Sych - Cwch Sborn</b> 1tf o Fai - 30 o Dachwedd fesul lansio neu i godi'r cwch: 1720/707/J80 ayb Cwch "Dragon" fesul lansio neu codi	<b>1136.27</b> <b>76.75</b> <b>102.00</b>	<b>Dry Sailing – Sports Boat</b> 1 <sup>st</sup> May - 31 <sup>st</sup> October per launch <b>or per</b> lift sailing sports boat: 1720/707/J80/ etc "Dragon" per launch or per lift
<b>Tir yr Hafan fesul m<sup>2</sup></b>	<b>7.61</b>	<b>Land rental per m<sup>2</sup></b>
<b>Wal y Marina tros nos fesul medr</b> (cychod pysgota masnachol yn unig)	<b>2.99</b>	<b>Marina wall berthing per m per night</b> (commercial fishing vessels only)
<b>Ffioedd glanio pysgod</b>	<b>2.99</b>	<b>Fish landing fees</b>
<b>Disel fesul lityr – cychod pleser</b>	Pris ar y pwmp/pump price	<b>Diesel per litre- leisure craft</b>
<b>Disel Coch fesul lityr</b>	Pris ar y pwmp/pump price	<b>Red Diesel per litre</b>

## Ffioedd - Harbwr Allanol Pwllheli Outer Harbour -Fees – 2020/21

<b>Disgrifiad</b>	<b>Ffi leol Local Fee Inc 20%VAT</b>	<b>Eraill Other Inc 20%VAT</b>	<b>Description</b>
<b>Ffi angorfeydd fesul medr</b>			<b>Moorings per meter</b>
<b>Ardal 1 – Rhif Angorfa 01</b>	<b>67.44</b>	<b>91.15</b>	<b>Area 1 – Mooring Numbers 01</b>
<b>Ardal 2 – Rhif Angorfa 01- 13</b>	<b>82.84</b>	<b>110.75</b>	<b>Area 2 – Mooring Numbers 01- 13</b>
<b>Ardal 3- Rhif Angorfa 13 -34 (lleiaf hyd 7m)</b>	<b>158.25</b>	<b>171.13</b>	<b>Area 3 – Mooring Numbers 13- 34 (min 7m)</b>
<b>Ardal 3– Rhif Angorfa 13 – 34 (Pysgotwyr Llawn amser yn unig)</b>	<b>85.18</b>	<b>154.00</b>	<b>Area 3 - Mooring Numbers 13 -34 (Full time Fishermen only)</b>
<b>Ardal 4– Rhif Angorfa 01–10</b>	<b>18.72</b>	<b>19.55</b>	<b>Area 4 – Mooring Numbers 01–10</b>
<b>Ardal 5– Rhif Angorfa 01–09</b>	<b>89.06</b>	<b>120.42</b>	<b>Area 5 – Mooring Numbers 01–09</b>
<b>Wal yr Harbwr Llwytho/dadlwytho neu aros dros nos - fesul medr</b>	<b>2.78</b>	<b>2.78</b>	<b>Quay Wall Unloading/Loading or overnight stay - per metre</b>
<b>Compownd Diogel (llai 40% pysgotwyr Bona fida cofrestredig llawn amser yn unig-gwelir diffiniad)</b>	<b>889.55</b>	<b>898.48</b>	<b>Secure Compound (less 40% for registered Bona fida full time fishermen only-see definition)</b>

Compound-discount applied to bona fida fishermen with annual mooring in Pwllheli. Compound License Holder must also be the skipper of the Fishing Vessel.

## Ffioedd – Hafan Pwllheli – Fees 2020/21

<b>Prisiau yn eithrio TAW</b>	<b>2018/19</b>	<b>2019/20</b>	<b>2020/21 £+2%</b>	<b>Prices exclude VAT</b>
<p><b>Angorfa Pontŵn Blwyddyn fesul medr (lleiafswm 7m)</b>                      Blynyddol mewn 1 taliad (heb drydan) neu yn Blynyddol mewn 10 rhandal gyda “Taliad Uniongyrchol”(heb drydan)</p> <p>Trydan fesul medr</p> <p>Blynyddol mewn 1 tal (gyda thrydan)</p> <p>Blynyddol mewn 10 rhandal gyda “Taliad Uniongyrchol” (gyda thrydan)</p> <p>+10% i gychod masnachol di breswyl yng Ngwynedd</p>	<p>317.07</p> <p>332.93</p> <p>15.74</p> <p>332.81</p> <p>349.45</p>	<p>326.90</p> <p>343.25</p> <p>17.47</p> <p>343.13</p> <p>360.28</p>	<p>333.44</p> <p></p> <p>17.81</p> <p>351.25</p> <p></p>	<p><b>Annual pontoon berthing per m (min 7m)</b>                      Paid in 1 instalment (without electricity)                      Or Paid in 10 “Direct Debit” instalments (without electricity)</p> <p>Electricity per metre</p> <p>Paid in 1 instalment (including electricity) Or                      Paid in 10 “Direct Debit ” instalments (including electricity)</p> <p>+10% for commercial vessels-non-resident in Gwynedd</p>
<p><b>Safle Blynyddol Cwch Dydd (mwyafrif 8m)</b>                      Blynyddol mewn 1 tal                      Fynnu hyd at 6m D33 – D52                      Fynnu hyd at 8m D01 – D32</p>	<p>1571.91</p> <p>1810.50</p>	<p>1620.64</p> <p>1866.62</p>	<p>1653.05</p> <p>1903.95</p>	<p><b>Annual Day boat Paid in 1 instalment (max 8m)</b>                      Up to 6m (Fixed charge) D33 – D52                      Up to 8m (Fixed charge) D01 – D32</p>
<p><b>Blynyddol Cwch Dydd mewn 10 rhandal gyda “Taliad Uniongyrchol” fel yr uchod</b>                      Fynnu hyd at 6m D33 – D52                      Fynnu hyd at 8m D01 – D32</p>	<p>1650.50</p> <p>1901.03</p>	<p>1701.66</p> <p>1959.96</p>	<p></p> <p></p>	<p><b>Annual Day boat paid in 10 instalments By “Direct Debit” as above</b>                      Up to 6m D33 – D52                      Up to 8m D01 – D32</p>

## Ffioedd – Hafan Pwllheli – Fees 2020/21

<b>Prisiau yn eithrio TAW</b>	<b>2018/19</b>	<b>2019/20</b>	<b>2020/21</b>	<b>Prices exclude VAT</b>
<b>Angorfa Ymwelwyr</b>				<b>Visitor Berthing</b>
Amser byr (uchafswm 4 awr) tal sefydlog-pob cwch cynnwys cychod siarter	11.60	11.95	12.18	Short stay-load/unload (max 4 hrs) fixed charge- all vessels inc Charter vessels.
Tros nos fesul medr - lleiafswm 7m yn	2.14	2.20	2.24	Overnight per m - min 7m
Wythnosol fesul medr (leiafswm o 5 noson i cymhwyso)	13.14	13.55	13.82	Weekly per mt (min 5 nights stay to qualify)
Misol ( 1 Ebrill – 30 Medi)				
Misol (1 Hydref i 31 Mawrth)	18.62	19.19	19.57	Monthly (01 October – 31 March)
Fesul mis Dalwyr Angorfa Cyngor Gwynedd yn unig (01 Hydref – 31 Mawrth yn unig)	64.31	66.30	67.62	Per calendar month Gwynedd Council Mooring Holders only (01 October – 31 March only)

## Ffioedd – Hafan Pwllheli – Fees 2020/21

<b>Prisiau yn eithrio TAW</b>	<b>2018/19</b>	<b>2019/20</b>	<b>2020/21</b>	<b>Prices exclude VAT</b>
<b>Trydan (pontŵn)</b> Cynnal a chadw blynyddol ac unedau ar dal wedi eu hysbysebu	Cynwysedig Included	Cynwysedig Included	Cynwysedig Included	<b>Electricity (pontoons)</b> Annual maintenance charge plus units at advertised unit rate
<b>Cwch yr Hafan</b> Fesul awr Lleiafswm	37.49 37.49	38.65 38.65	39.42 39.42	<b>Marina Launch</b> Charge per hour Minimum charge

<b>Prisiau yn eithrio TAW</b>	<b>2018/19</b>	<b>2019/20</b>	<b>2020/21</b>	<b>Prices exclude VAT</b>
<b>Peiriant codi cychod- fesul medr</b> Codi Allan / Codi-Dal-Lansio i fyny i 7m 7.1m i 9m 9.1m i 10m 10.1m i 11m 11.1m i 12m 12.1m i 15m Dros 15m	13.37 16.39 17.07 17.39 17.88 19.13 31.09	13.78 16.90 17.60 17.93 18.43 19.72 32.05	14.05 17.23 17.95 18.28 18.79 20.11 32.69	<b>Travel Hoist – per metre</b> Lift Out / Lift-Hold-Launch Up to 7 m 7.1m to 9 m 9.1m to 10m 10.1m to 11m 11.1m to 12m 12.1m to 15m Over 15m
<b>Lansio yn unig</b> i fyny at 7m 7.1m at 9m 9.1m at 10m 10.1m at 11m 11.1m at 12m 12.1m i 15m Dros 15m	12.36 15.15 15.79 16.10 16.55 17.69 27.98	12.74 15.62 16.28 16.60 17.06 18.24 28.85	12.99 15.93 16.60 16.93 17.95 18.60 29.42	<b>Launch only</b> Up to 7 m 7.1m to 9 m 9.1m to 10m 10.1m to 11m 11.1m to 12m 12.1m to 15m Over 15m
Symud Cwch yn yr Iard fesul medr Scrwb amser cinio wedi ei disgowntio	7.24 9.53	7.96 10.48	8.11 10.68	Yard Movement per m Discounted lunchtime scrub

## Ffioedd – Hafan Pwllheli – Fees 2020/21

<b>Prisiau yn eithrio TAW</b>	<b>2018/19</b>	<b>2019/20</b>	<b>2020/21</b>	<b>Prices exclude VAT</b>
<b>Storio</b> Storio ar y lan i berchennog doc fesul medr fesul dydd	.26	.27	.27	<b>Storage</b> Annual contract holders per m per day
Storio ar y lan i ymwelwyr fesul medr fesul dydd	.38	.39	.39	Non-Annual contract holders per m per day
<b>Storio</b> crud/ôl cerbyd i ymwelwyr fesul dydd	1.39	1.43	1.45	<b>Storage</b> of cradles/trailers for non contract holders per day
<b>Llogi crud Hafan fesul dydd</b>	1.39	1.43	1.45	<b>Hire of marina cradle/boat stands per day</b>
<b>Llafur ategu</b>	36.28	37.40	38.14	<b>Shoring labour charge</b>



## Ffioedd – Hafan Pwllheli – Fees 2020/21

<b>Prisiau yn eithrio TAW</b>	<b>2018/19</b>	<b>2019/20</b>	<b>2020/21 -20%</b>	<b>Prices exclude VAT</b>
<b>Llithriad - Uchafrif 80 cwch fesul cwmni - Uchafrif 6 cwmni</b>	3054.17	3148.85	2500.00	<b>Slipway – Maximum 80 vessels per company - Maximum 6 companies</b>
<b>Trydan ar y lan</b> Perchennog doc blynyddol Defnydd dyddiol ( <b>cynnwys TAW</b> ) Peiriant pŵer dros dro Unedau ar gost fel arddangos yn y dderbynfa	Cynwysedig Included 2.93	Cynwysedig Included 3.02	3.08	<b>Electricity onshore</b> Annual contract holders Daily charge (inc VAT) Intermittent use for power tools Units used at unitary rates as displayed in reception.
<b>Hwyllo Sych - Cwch Short</b> 1tf o Fai - 30 o Dachwedd fesul lansio neu codi: 1720/707/J80 Cwch “Dragon” fesul lansio neu fesul codi	900.42 60.83	928.33 62.71 83.33	946.89 63.96 84.99	<b>Dry Sailing – Sports Boat</b> 1 <sup>st</sup> May - 31 <sup>st</sup> October per launch <b>or</b> per lift :1720/707/J80 “Dragon” per launch or per lift out
<b>Tir yr Hafan fesul m<sup>2</sup> (dim TAW)</b>	6.04	6.22	6.34	<b>Land rental per m<sup>2</sup> (No VAT)</b>
<b>Wal y Marina tros nos fesul medr</b> (cychod pysgota masnachol yn unig)	2.35	2.41	2.45	<b>Marina wall berthing per m per night</b> (commercial fishing vessels only)
<b>Ffioedd glanio pysgod</b>	2.35	2.41	2.45	<b>Fish landing fees</b>
<b>Disel fesul lityr – cychod pleser</b>	Pris y farchnad Market price	Pris y farchnad Market price	Pris ar y pwmp/pump price	<b>Diesel per litre- leisure craft</b>
<b>Disel Coch fesul lityr</b>	+0.02c	+0.02c	Pris ar y pwmp/pump price	<b>Red Diesel per litre</b>

## Ffioedd - Harbwr Allanol Pwllheli Outer Harbour -Fees – 2020/21

<b>Prisiau yn eithrio TAW</b>	<b>Ffi leol Local 2019/20</b>	<b>Eraill Other 2019/20</b>	<b>Ffi leol Local 2020/21</b>	<b>Eraill Other 2020/21</b>	<b>Prices exclude VAT</b>
<b>Ffi angorfa fesul medr</b>					<b>Mooring per meter</b>
<b>Ardal 1</b> – Rhif Angorfa 01	55.10	74.47	56.20	75.95	<b>Area 1</b> – Mooring Numbers 01
<b>Ardal 2</b> – Rhif Angorfa 01- 13	67.68	90.48	69.03	92.28	<b>Area 2</b> – Mooring Numbers 01- 13
<b>Ardal 3-</b> Rhif Angorfa 13 -34 (lleiaf hyd 7m)	129.29	139.81	131.88	142.60	<b>Area 3</b> – Mooring Numbers 13- 34 (min 7m)
<b>Ardal 3</b> – Rhif Angorfa 13 – 34 <b>(Pysgotwyr Llawn amser yn unig)</b>	69.59	125.82	70.98	128.33	<b>Area 3</b> - Mooring Numbers 13 -34 <b>(Full time Fishermen only)</b>
<b>Ardal 4</b> – Rhif Angorfa 01–10	15.30	15.98	15.60	16.29	<b>Area 4</b> – Mooring Numbers 01–10
<b>Ardal 5</b> – Rhif Angorfa 01–10	72.76	98.38	74.21	100.34	<b>Area 5</b> – Mooring Numbers 01–09
Wall yr Harbwr Llwytho/dadlwytho neu aros dros nos - fesul medr	2.27	2.27	2.31	2.31	Quay Wall Unloading/Loading or overnight stay - per metre
<b>Compound Diogel (llai 40% pysgotwyr Bona fida cofrestredig llawn amser yn unig-gwelir diffiniad)</b>	726.76	734.05	741.29	748.73	<b>Secure Compound (less 40% for registered Bona fida full time fishermen only-see definition)</b>

Compound-discount applied to bona fida fishermen with annual mooring in Pwllheli. Compound License Holder must also be the skipper of the Fishing Vessel.

**Ffioedd Lansio a Cofrestru Cychod Pŵer & Badau Dŵr Personol**  
**Powerboats & Personal Watercraft Launching and Registration Fees**

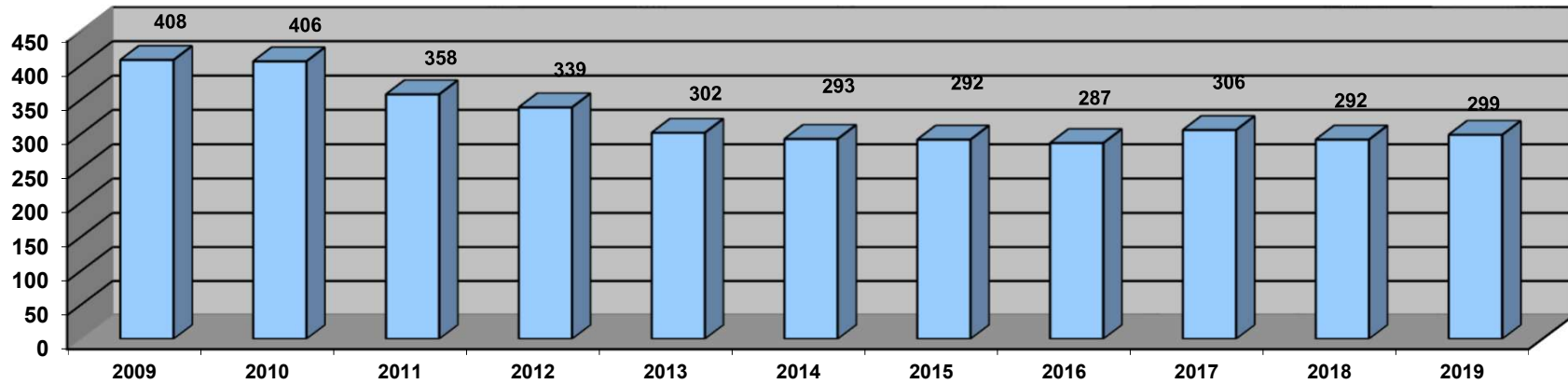
**01/04/2020 – 31/03/2021**

**Ffioedd yn cynnwys TAW / Fees inclusive of VAT**

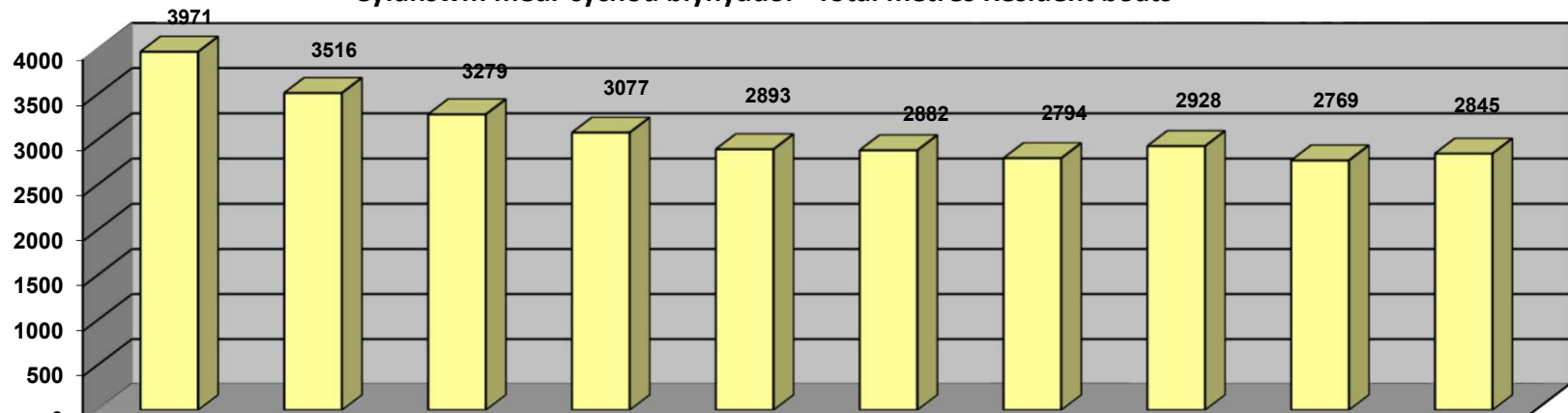
<b>Ffi Adnewyddiad (Trwyddedau Bach)</b>	<b>2020/21</b>	<b>Renewal Fees (Small Permits)</b>
<b>Ail-cofrestru Blynyddol</b>	£35.00	<b>Annual Re-registration</b>
<b>Ceisiadau Llestr Newydd (Trwyddedau Mawr a Bach)</b>		<b>New Vessel Applications (Large and Small Permits)</b>
<b>Cofrestru Blynyddol</b> <b>(cofrestru am tro cyntaf neu ble mae angen rhifau cofrestru newydd)</b>	£45.00	<b>Annual Registration</b> <b>(first time registration or where new large permits are required)</b>
<b>Ffi Lansio</b>		<b>Launching Fees</b>
<b>Lansio Dyddiol - Llithrfeydd/Traethau Cyffredinno</b>	£15.00	<b>Daily Launch – General Slipways/Beaches</b>
<b>Lansio Dyddiol - Traeth Morfa Bychan (yn cynnwys ffi parcio)</b>	£20.00	<b>Daily Launch – Morfa Bychan Beach (includes parking charges)</b>
<b>Trwydded Lansio Blynyddol (1 Ebrill – 31 Mawrth)</b> <b><u>Yn cynnwys ffi cofrestru</u></b>	£150.00	<b>Annual Launching Permits (1 April – 31 March)</b> <b><u>Inclusive of registration fee</u></b>
<b>Only Postal Applications are accepted at the Main Council Offices in Pwllheli.</b> <b>In Person applications will be processed on the day at any of the Council's harbour offices, or during the summer season at the main resort beaches.</b>		
<b>Trosglwyddo / Ailddodiad</b>		<b>Transfer / Replacement</b>
<b>Ceisiadau drwy'r post yn unig i <u>Swyddfa Forwrol y Cyngor ym Mhwllheli</u></b>	£45.00	<b>Postal application only to the <u>Council Maritime Office in Pwllheli</u></b>
<b>Cychod llai na 10 HP (Dim Ffi Lansio)</b>		<b>Vessels under 10 HP (No Launch Fee)</b>
<b>Ffi Cofrestru Blynyddol – <u>Ceisiadau Mewn Person yn Unig</u></b> <b>Yn Swyddfeydd yr Harbyrau neu ar y Prif Draethau gyda'r cwch ar gael er ei archwilio</b>	£30.00	<b>Annual Registration Fee – <u>In Person Application Only</u></b> <b>At the Harbour Offices or at the main Resort Beaches, with the vessel available for inspection</b>

Ystadegau Blynyddol *Hafan Pwllheli* - i Mawrth 2020  
Annual Statistics for *Hafan Pwllheli* - to March 2020

Nifer o Gychod Blynyddol - Number of annual Resident vessels

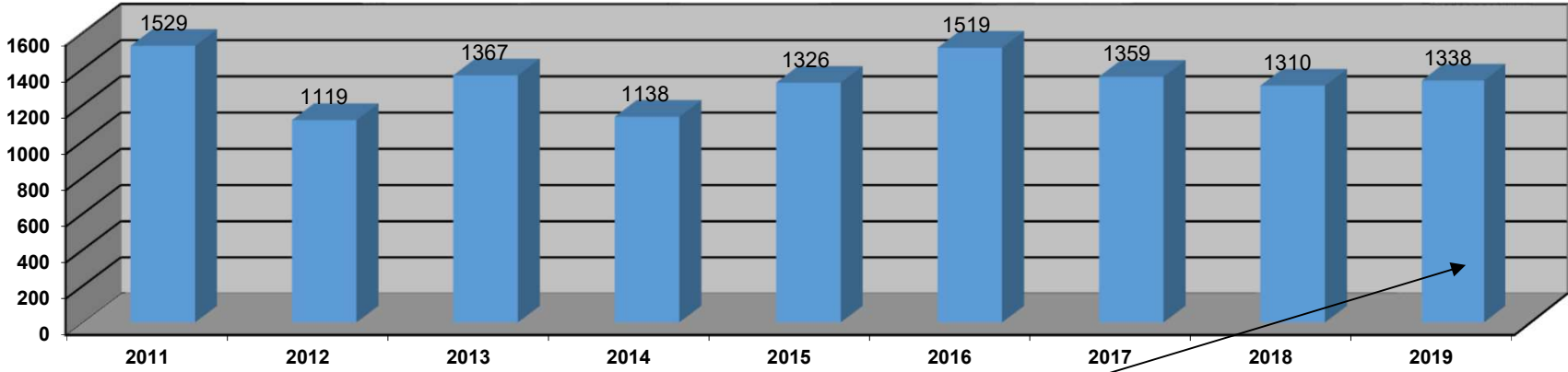


Cyfanswm medr cychod blynyddol - Total metres Resident boats



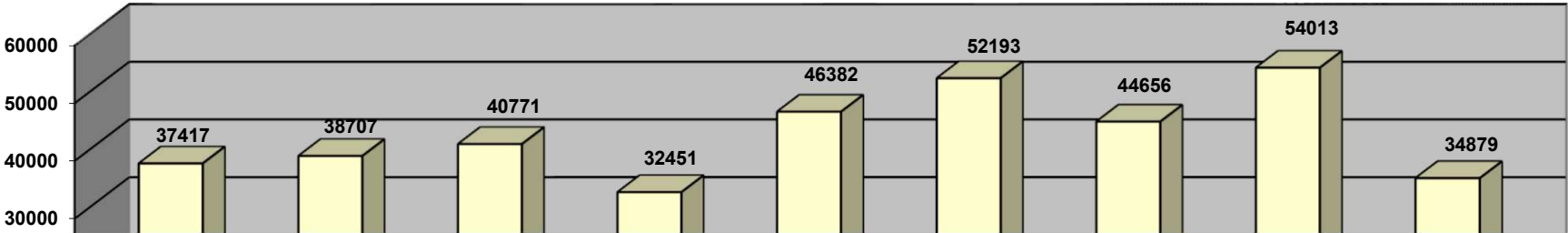


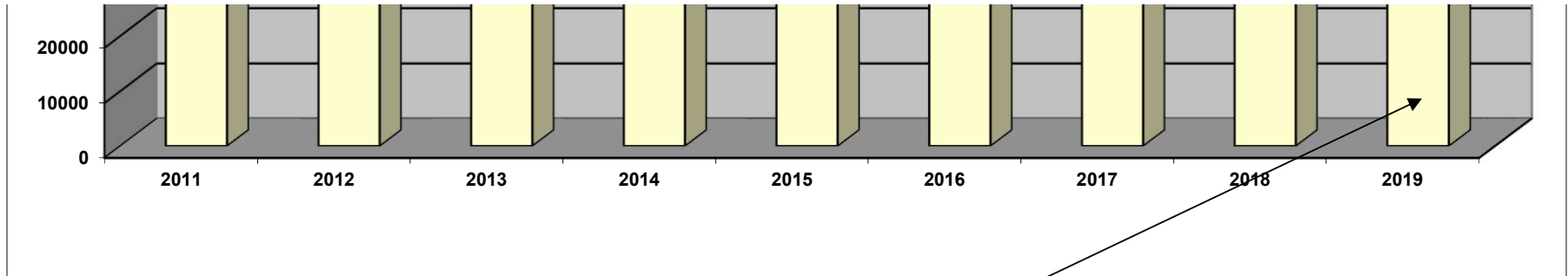
**Nifer o gychod ymwelwyr mewn blwyddyn - No. of visiting vessels per year**



Hyd at Chwefror 2020 To February 2020

**Cyfanswm medr cychod ymwelwyr - Total mts visiting vessels**

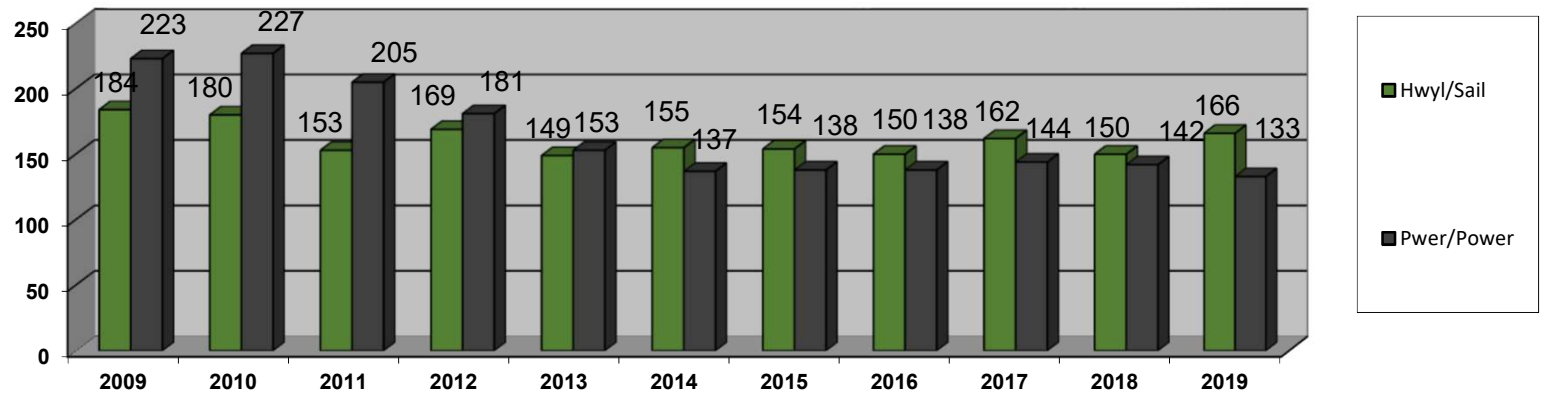




Hyd at Chwefror 2020

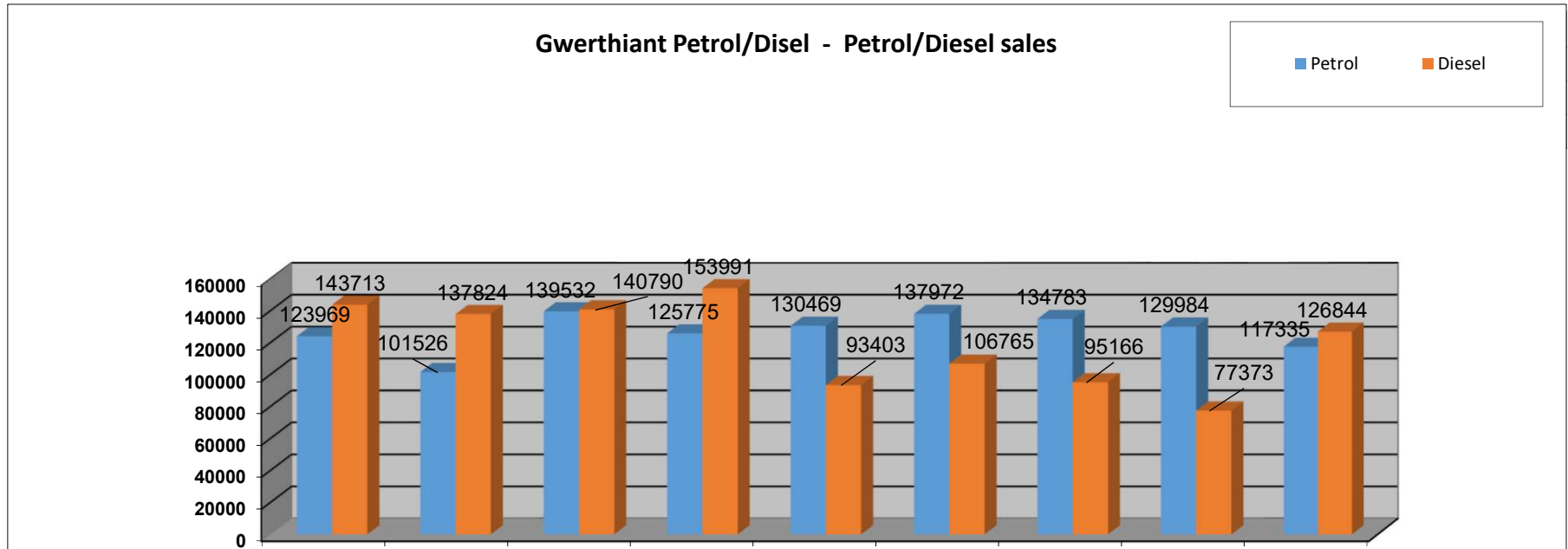
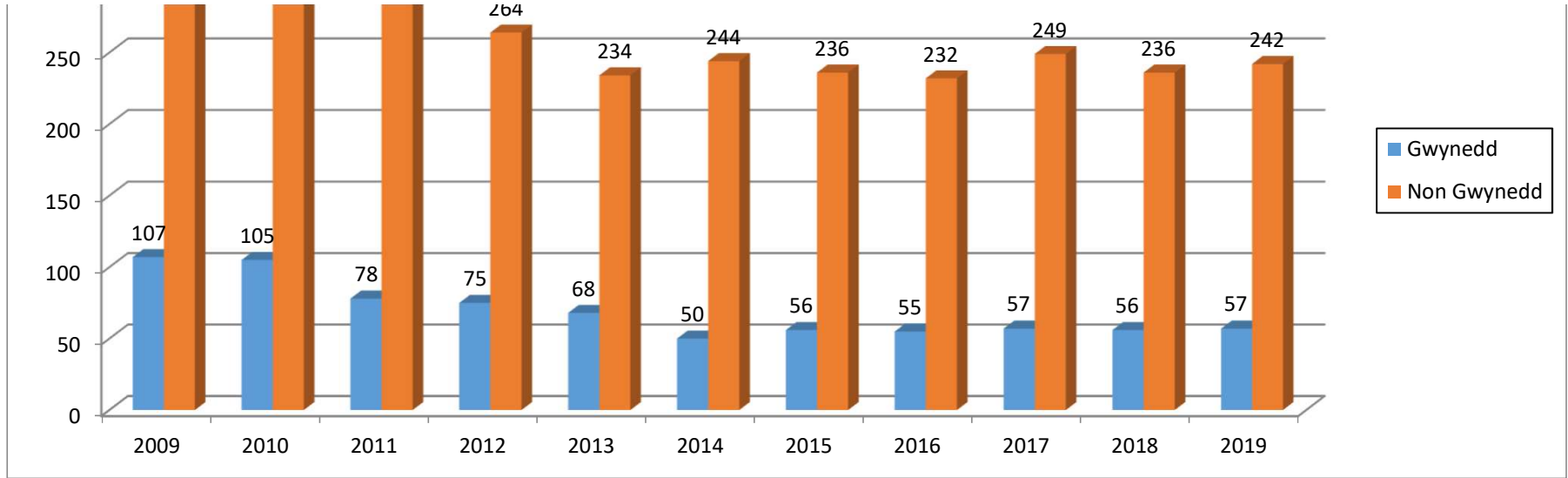
Up to February 2020

**Nifer o gychod Hwyllo/Pwer yn yr Hafan - No. of sailing/power vessels in the Hafan**



**Preswyl yng Ngwynedd/Residing In Gwynedd**





2011 2012 2013 2014 2015 2016 2017 2018 2019

**Dadansoddiad o pam fod perchennog doc yn gadel - 1taf Ebrill i 31ain o Fawrth**

**Analysis of why resident bertholders leave 1st April to 31st March**

	2011	2012	2013	2014	2015	2016	2017	2018	2019
Wedi gwerthu cwch/sold boat	12	20	7	13	9	9	11	10	10
Ardal newydd/New Cruising Ground	12	26	8	7	5	8	3	2	4
Parcio a lansio/Park and Launch	2	0	3	4	1	2	0	0	0
Dim rheswm/No reason given	24	17	16	14	2	13	8	2	4
Rhu ddrud/Too expensive	2	3	1	1	3	0	0	0	0
Methdalwr/Bankrupt	0	2	2	0	1	0	0	0	0
Iechyd/ill health	8	4	8	2	4	9	3	2	1
Blwyddyn allan/Year out	5	3	5	2	2	0	0	0	2
Carthu/Dredging	8	4	0	0	1	0	0	0	0
<b>Cyfanswm/Total</b>	<b>0</b>	<b>79</b>	<b>50</b>	<b>43</b>	<b>28</b>	<b>41</b>	<b>41</b>	<b>16</b>	<b>21</b>

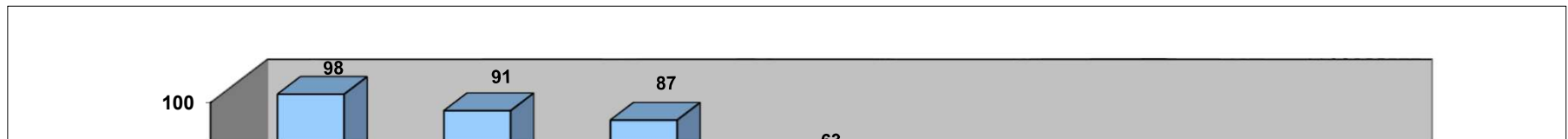
Hyd at Chwefror 2020  
Up to February 2020



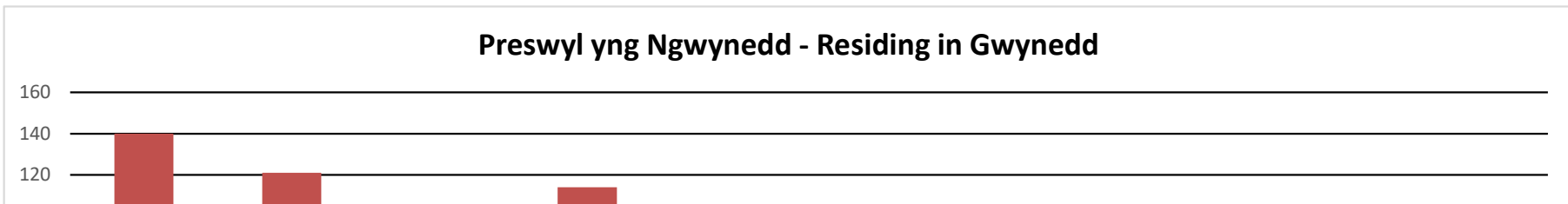
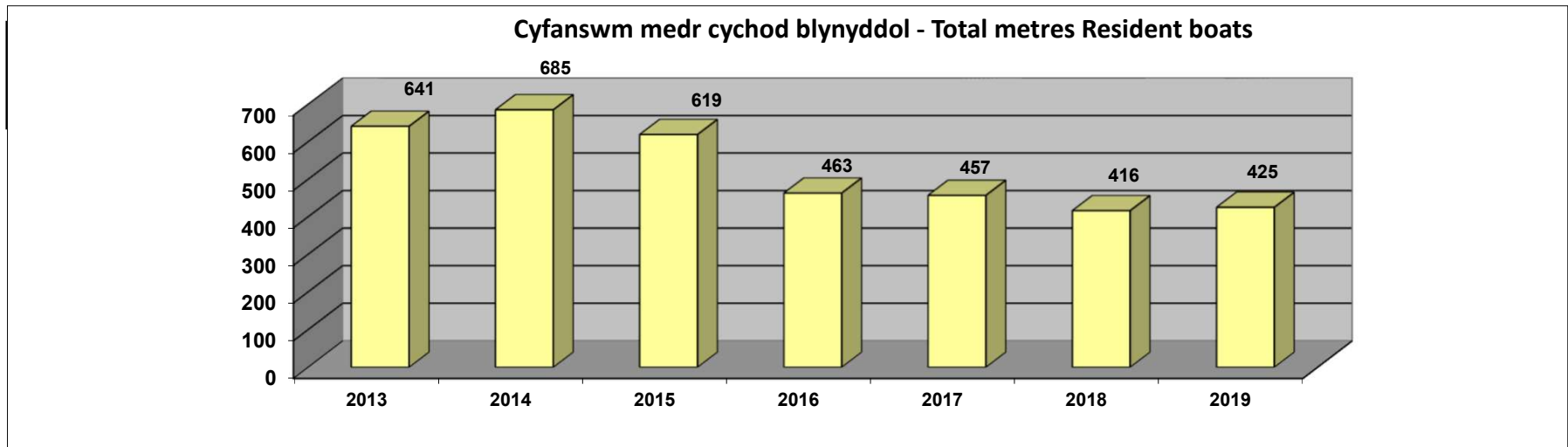
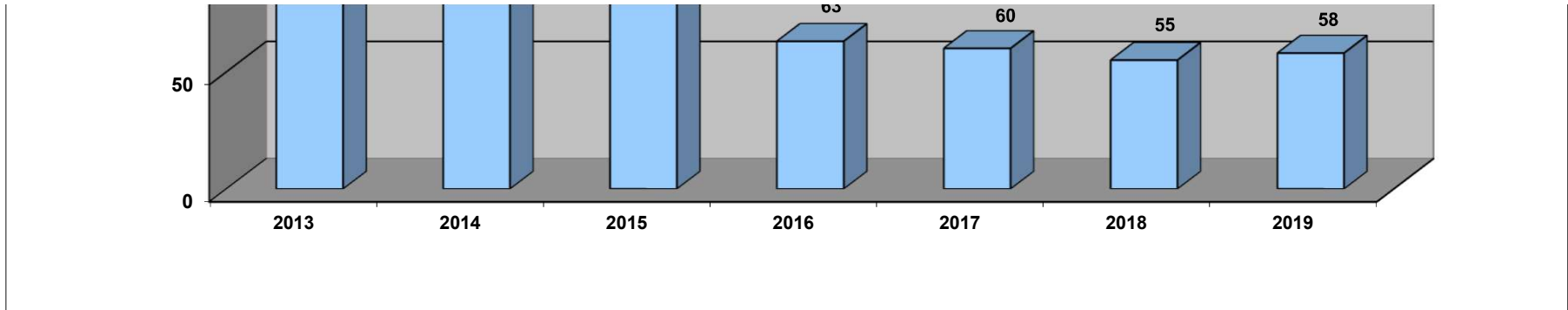
**Ystadegau Blynnyddol Harbwr Pwllheli - i Chwefror 2020**

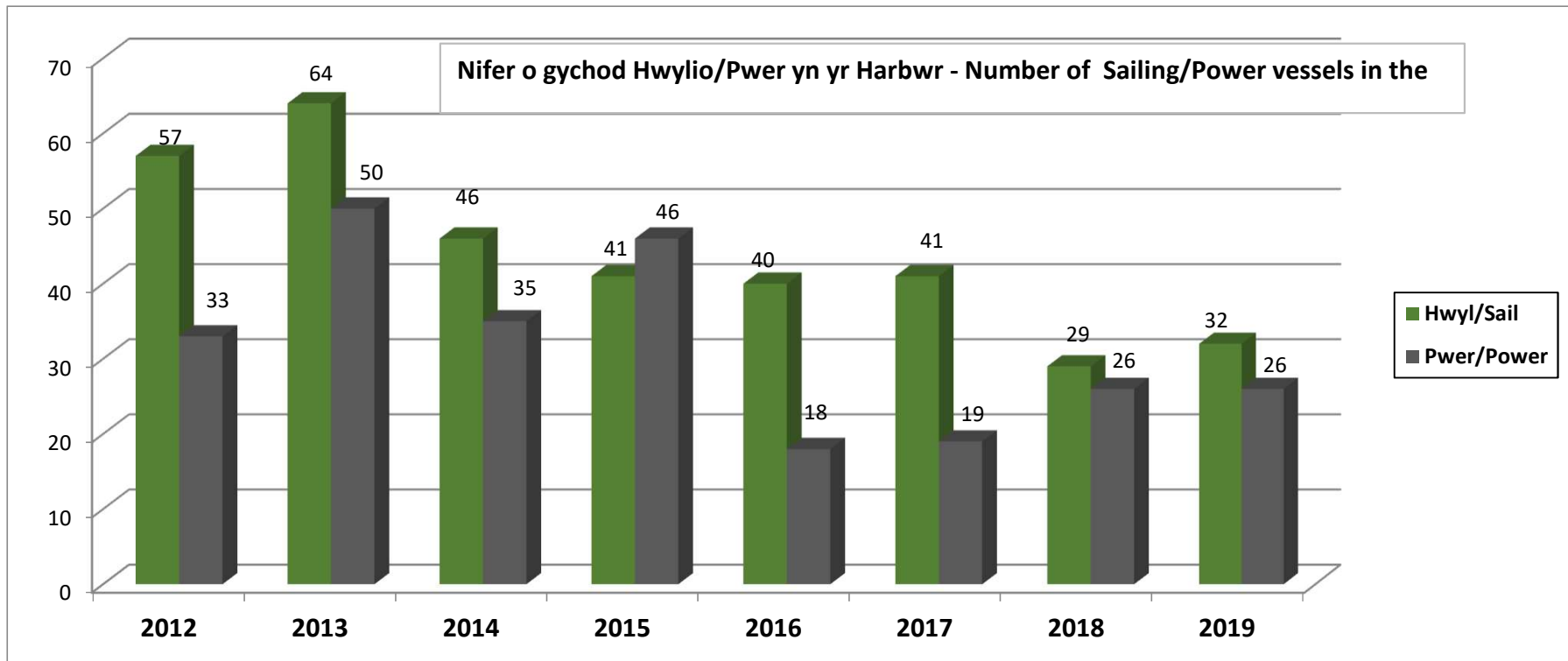
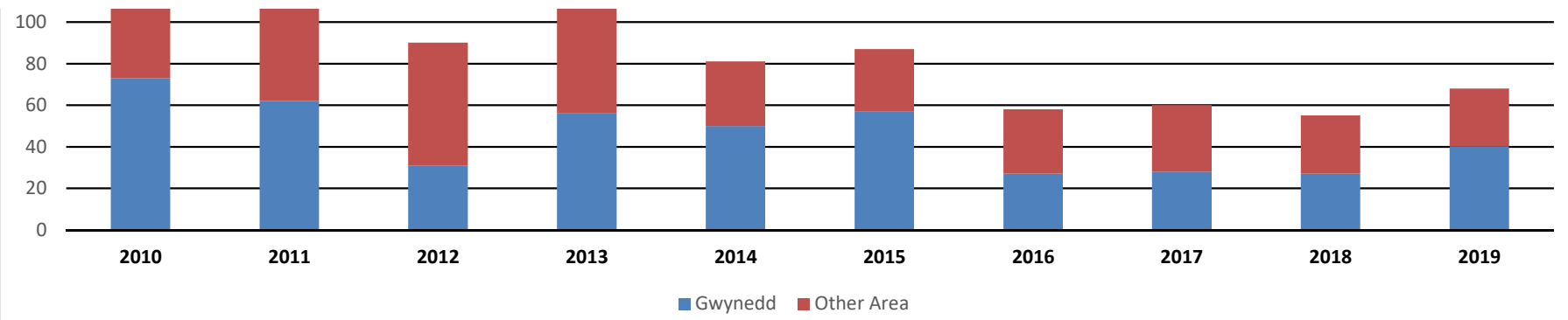
**Annual Statistics for Pwllheli Harbour - to February 2020**

Nifer o Gychod Blynnyddol - Number of annual Resident vessels









**Dadansoddiad o pam fod perchennog doc yn gadel - 1taf Ebrill i 31ain o Fawrth**  
*Analysis of why resident bertholders leave 1st April to 31st March*

	2013	2014	2015	2016	2017	2018	2019	2020
Wedi gwerthu cwch/sold boat	3	4	0	2	0	0	1	
Ardal newydd/New Cruising Ground	0	0	17	1	0	0	0	
Parcio a lansio/Park and Launch	0	0	0	0	0	0	0	
Dim rheswm/No reason given	0	0	12	2	0	0	0	
Rhu ddrud/Too expensive	0	0	0	0	0	0	0	
Methdalwr/Bankrupt	0	0	0	0	0	0	0	
Iechyd/Ill health	0	0	0	1	0	0	0	
Blwyddyn allan/Year out	0	0	0	0	1	0	0	
Carthu/Dredging	0	0	0	0	0	0	0	
<b>Cyfanswm/Total</b>	<b>3</b>	<b>4</b>	<b>29</b>	<b>6</b>	<b>1</b>	<b>0</b>	<b>1</b>	

Hyd at Chwefror 2020  
 Up to February 2020



# Agenda Item 6

<b>MEETING</b>	<b>Pwllheli Harbour Consultative Committee</b>
<b>DATE</b>	<b>17 March 2020</b>
<b>TITLE</b>	<b>Dredging Update</b>
<b>AUTHOR</b>	<b>Maritime Officer</b>

Update on the issues appertaining to Dredging work in Pwllheli Harbour

1. **Hydrographic Survey** – A detailed Hydrographic survey was undertaken in the harbour during the week commencing the 2<sup>nd</sup> March 2020. The survey was undertaken using two methods; Aerial Drone Survey and using a small survey vessel afloat. The two methods provided a detailed survey which will enable for the Council to determine the accretion level within the harbour area since the last survey was undertaken.

A printed copy of the Hydrographic Survey will be available for inspection at the Harbour Consultative Meeting and an electronic copy is available to all upon request. The data available on the hydrographic survey is in both Chart Datum and Ordnance Datum. The narrowing of the channel at the harbour entrance is noted.

2. **Crib Groyne** – work on the reconstruction of the Crib Groyne and the extension of the toe of the Crib Groyne is progressing well and the work is scheduled to be completed within the contract period. The cost of the work is in excess of £230K.

Storm Ceira, and to a lesser extend storm Dennis affected the foreshore at Marian y De and as a result, additional Rock Armour will be required for the seaward extent of the Crib Groyne. This additional requirement for rock armour is due to a drawdown in beach levels.

Initial estimates are that approximately 80 tonnes of additional rock will be required. These will be sourced from the Minffordd Quarry as per the current rock armour.

3. **Sand Stockpile** – on the 6<sup>th</sup> March 2020 work will have commenced on the removal of sand from the stockpile and the subsequent replenishment of Traeth Crugan. It is anticipated that this essential work will take approximately 5 to 6 weeks to complete. It is expected that all of the previously dredged, and stored material will to be transported directly to Traeth Crugan.

This work was funded by Wales Government as part of sea defence programme and the work will ensure that as well as strengthening the foreshore at Traeth Crugan the beach replenishment work will also ensure that there is additional capacity available for storage of dredged material on this site for the next few years unless other alternatives are agreed.

4. **Harbour Entrance** - work on dredging the harbour entrance is expected to be undertaken in April 2020 on the most appropriate tide. The Maritime Unit has explored the possibility of undertaking this work during the week commencing the 9<sup>th</sup> March 2020 but circumstances dictated otherwise and it was not possible to procure the work. We shall ensure that Members of the Committee are updated on programmed works as soon as a contract has been agreed.

It is noticed that recent storms did bring additional material into the harbour entrance and into the navigation channel.

5. **Maintenance Dredging** – Contract documents are being prepared in anticipation of undertaking maintenance dredging work in the Marina basin and the Approach Channel in the October to December 2020 period. The maritime Unit is undertaking work on the stilling lagoon at present to determine precise capacity. The dredging work at Pwllheli will hopefully be in conjunction with dredging contract at Doc Fictoria.

6. **Stilling Lagoon** – work is continuing to be undertaken on alternative methods of disposing of the silts from the Stilling Lagoon. The safety fencing has partly been replaced and it is anticipated that further work will be undertaken on the safety fence.