



Lifeguards

**Lifeguard Service Monitoring Report 2009
Pembrokeshire Beaches
West Division**

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SUMMARY

This report outlines the service levels and provision of the RNLI Lifeguard Service in the Pembrokeshire during the 2009 season. This was the second season that the RNLI operated the Beach Lifeguard Service in Pembrokeshire.

At the start of the year numerous applications were received. With the assistance of the local Lifesaving Clubs, a combination of returning and new lifeguards made up a team of 48.

All lifeguards undertook an intensive training program in the two weeks prior to the season. The 'Wet and Dry' programme was run locally and included such elements as 'Introduction to the RNLI', Safety & Well-being and Critical Incident Management. All Lifeguards were also trained in a three-day First Aid for Lifeguards ensuring that they were well prepared for any medical emergencies they would have to deal with on the beach. This included the use of oxygen, defibrillator and the administration of some drugs. A selected group of Senior Lifeguards also attended a two-day SLG course in Poole that included elements of team building, leadership skills and scenario training. The lifeguard teams continued training throughout the season in exercises with local Lifeboat and Coastguard teams.

Following on from the 2008 season service level review, a number of amendments were implemented. These included increasing the length of the season at Whitesands and Tenby South for an extra 4 weeks. In addition an extra lifeguard and patrol truck was allocated to Whitesands to meet the demands of a busy beach and prolonged periods of heavy surf. A patrol truck was also allocated to Tenby South Beach to act as an observation platform. Amroth, Dale and Lydstep were reduced to a short season as a part of the agreed reallocation of resources.

Further improvements were made to the lifeguard facilities including several new lifeguard units.

During the 2009 season, lifeguards dealt with a total of 683 incidents and aided 823 people. Significantly 9 lives were saved around the coast of which 5 lives were saved at Tenby South Beach in a mass rescue and further life saved in dramatic rock rescue at Newgale during heavy surf conditions.

The busiest beaches in terms of incidents and visitor numbers were Whitesands, Tenby, Broadhaven, Newgale and Saundersfoot. The beaches with least activity were Amroth, Dale and Lydstep.

Thanks to the assistance and co-operation of all, the second season in operation in Pembrokeshire proved to be a very successful one. The Council Beach Wardens, the National Parks, the Coastguards, the Lifesaving Clubs and Lifeboat Stations all contributed to make the Pembrokeshire beaches safer for locals and visitors alike.

Pembrokeshire 2009 launch, Broad Haven



SERVICE LEVELS 2009 Pembrokeshire

| Beach Lifeguard Unit | Season Start | Season End | LGs Main | LGs Peak | Patrol Vehicle | ATV |
|----------------------|-----------------------|----------------------|----------|----------|----------------|-----|
| Poppit Sands | 27 th June | 6 th Sept | | 2 | | 1 |
| Newport Sands | 27 th June | 6 th Sept | | 2 | | |
| Whitesands | 23 ^h May | 6 th Sept | 3 | 3 | | |
| Newgale North | 27 th June | 6 th Sept | | 3 | | 1 |
| Newgale South | 27 th June | 6 th Sept | | 2 | | |
| Broadhaven | 27 th June | 6 th Sept | | 2 | | |
| Dale | 11 th July | 31 st Aug | | 2 | | |
| Lydstep | 11 th July | 31 st Aug | | 2 | | |
| Tenby South | 23 ^h May | 6 th Sept | 3 | 3 | L200 | 1 |
| Tenby Castle | 27 th June | 6 th Sept | | 2 | | |
| Tenby North | 27 th June | 6 th Sept | | 2 | | |
| Saundersfoot | 27 th June | 6 th Sept | | 2 | | 1 |
| Amroth | 11 th July | 31 st Aug | | 2 | | |

| |
|---|
| Lifeguard hours 10am - 6pm Main & Peak Season 3 Supervisors |
|---|

Variations in service levels

Additional service was provided at Whitesands towards the end of the season due to the consistent surf conditions coupled with number of beach users. A patrol vehicle was also stationed at the top of the beach. At times the service also patrolled until 7pm during periods of good weather.

Additional cover was placed at the following beaches to cover specific events and times of exceptional busy periods.

- 7th June - Hazel Beach Regatta, Neyland
- 19th July – Angle School Fete, Angle
- 21st July – Wild Camp, Tenby South Beach.
- 31st July – One Big Rescue, Newgale
- 11th July – St David's School Fete, St Davids
- 15th July – West Wales Surf Lifesaving Championships, Newport,
- 28th August – Lifeguard Day, Tenby South Beach
- 30th August – Porthmawr Nippers Carnival, Whitesands.

PERFORMANCE

| | | | |
|---|--|----------|----------|
| Carry out a Risk Assessment to identify hazards and determine a series of control measures to “mitigate” against the ‘risk’. These control measures to include where appropriate: provision of public education; safety literature; information and warning signs; zoning; barriers; trained surveillance; first aid; lifeguards (inc. lost children service); and, appropriate equipment, as set out in Schedule 1 | Not Achieved | Achieved | Exceeded |
| | | ✓ | |
| | Risk Assessment updated annually and reviewed through operational orders and adjustments reported in the end of season report to PCC | | |

| | | | |
|---|---|----------|----------|
| Provide a beach safety and rescue service covering a period defined in the Service Level Assessment in accordance with the Service Specification (schedule 5), based on the accompanying Risk Assessment. | Not Achieved | Achieved | Exceeded |
| | | | ✓ |
| | Increased service levels and extended patrol hours. | | |

| | | | |
|--|-----------------------------------|----------|----------|
| Provide a beach safety and rescue service on the beaches covering a series of Operational Areas (Beach, Normal and Extended) as agreed with the LA | Not Achieved | Achieved | Exceeded |
| | | ✓ | |
| | Additional patrols to Coppet Hall | | |

| | | | |
|---|--|----------|----------|
| Provide a beach safety and rescue service in accordance with the RNLI’s Standard Operating Procedures and site specific Local Operating Procedures, both of which will be available for inspection by the Beach Operator. | Not Achieved | Achieved | Exceeded |
| | | ✓ | |
| | Local Operating Procedures (LOP) and Standard Operating Procedures (SOP) are annually reviewed, updated and made available to PCC. | | |

| | | | |
|--|--|----------|----------|
| Ensure the service is provided in accordance with the criteria to comply with the European Blue Flag and/or Seaside Award or their equivalent standards, as appropriate where necessary. | Not Achieved | Achieved | Exceeded |
| | | ✓ | |
| | Lifeguard service provided at agreed designated locations. | | |

| | | | |
|--|---|----------|----------|
| Complete incident reports, daily logs and staffing level records on a daily basis to be made available to the LA on request and included in an annual report to the LA. | Not Achieved | Achieved | Exceeded |
| | | ✓ | |
| | Monthly reports sent. Incident data is detailed in this report. | | |
| Observe the provisions of the LA's Health and Safety at Work Policy and Safety Working Practices together with the best practice Lifeguarding principles ("Safety on British Beaches") wherever appropriate. | Not Achieved | Achieved | Exceeded |
| | | ✓ | |
| | Achieved. | | |
| Ensure lifeguards observe high standards of courtesy and consideration towards members of the public at all times. | Not Achieved | Achieved | Exceeded |
| | | ✓ | |
| | All lifeguards employed by RNLI are required to undertake induction training and customer care. No complaints reported. | | |
| Inform the LA's appropriate officer responsible for environmental services or equivalent regarding any beach cleaning requirements or pollution incidents. | Not Achieved | Achieved | Exceeded |
| | | ✓ | |
| | Achieved. Good relationships with Wardens. | | |
| Ensure that so far as reasonable all public relations, incident data, publicity and media releases are agreed between the Local Authority/Beach Manager before release. | Not Achieved | Achieved | Exceeded |
| | | ✓ | |
| | Achieved. Close working relations demonstrated with the interest generated by the Tenby mass rescue | | |
| Include the phrase "in partnership with "LA" on all appropriate signs displayed on the beaches where the Local Authority provides a contribution towards the signage costs. | Not Achieved | Achieved | Exceeded |
| | | ✓ | |
| | On all mobile units. Signage needs to be reviewed | | |
| Keep the Lifeguard Service fully insured for public liability and employer's liability risks as appropriate to a minimum cover in each case of £20 million for any one claim. | Not Achieved | Achieved | Exceeded |
| | | ✓ | |
| | Achieved. | | |

| | | | |
|--|---|----------|----------|
| Where reasonably practicable, notify members of the public using the Patrolled Beaches of the relevant local byelaws and control orders which directly relate to beach safety. | Not Achieved | Achieved | Exceeded |
| | | ✓ | |
| | Achieved and improved upon from 2008. Developing a better working practice and partnership with PCC in relation to dog byelaws. | | |

INCIDENTS 2009

The following table shows the number of incidents that occurred on the Pembrokeshire beaches in 2009.

| Beach Lifeguard Unit | Lives Saved | Rescue | Assistance | Major FA | Near Miss | Search | Minor FA | Missing / Found | Other | Total |
|----------------------|-------------|-----------|------------|-----------|-----------|----------|------------|-----------------|-----------|------------|
| AMROTH | 0 | 0 | 2 | 2 | 0 | 0 | 14 | 0 | 0 | 18 |
| BROAD HAVEN | 0 | 0 | 2 | 1 | 0 | 1 | 43 | 1 | 0 | 48 |
| DALE | 0 | 0 | 3 | 1 | 0 | 0 | 2 | 0 | 0 | 6 |
| LYDSTEP | 0 | 1 | 4 | 0 | 0 | 1 | 8 | 1 | 0 | 15 |
| NEWGALE NORTH | 0 | 1 | 5 | 1 | 1 | 2 | 45 | 3 | 0 | 58 |
| NEWGALE SOUTH | 0 | 0 | 0 | 0 | 0 | 0 | 32 | 1 | 3 | 36 |
| NEWPORT SANDS | 0 | 1 | 6 | 2 | 1 | 0 | 24 | 3 | 4 | 41 |
| POPPIT SANDS | 0 | 0 | 3 | 2 | 1 | 0 | 17 | 2 | 0 | 25 |
| SAUNDERSFOOT | 1 | 3 | 10 | 5 | 0 | 3 | 35 | 11 | 1 | 69 |
| TENBY CASTLE | 0 | 4 | 9 | 6 | 0 | 0 | 42 | 16 | 3 | 80 |
| TENBY NORTH | 0 | 2 | 8 | 4 | 0 | 0 | 24 | 3 | 1 | 42 |
| TENBY SOUTH | 1 | 4 | 15 | 2 | 0 | 1 | 55 | 12 | 1 | 91 |
| WHITESANDS | 2 | 14 | 19 | 7 | 1 | 0 | 94 | 17 | 0 | 154 |
| TOTALS | 4 | 30 | 86 | 33 | 4 | 8 | 435 | 70 | 13 | 692 |

PEOPLE AIDED

The following table shows the number of people involved in the incidents on the Pembrokeshire beaches in 2009

| Beach Lifeguard Unit | Lives Saved | Rescue | Assistance | Major FA | Near Miss | Search | Minor FA | Missing / Found | Other | Total |
|----------------------|-------------|-----------|------------|-----------|-----------|-----------|------------|-----------------|-----------|------------|
| AMROTH | 0 | 0 | 5 | 2 | 0 | 0 | 14 | 0 | 0 | 21 |
| BROAD HAVEN | 0 | 0 | 4 | 1 | 0 | 2 | 43 | 1 | 0 | 51 |
| DALE | 0 | 0 | 3 | 1 | 0 | 0 | 2 | 0 | 0 | 6 |
| LYDSTEP | 0 | 2 | 12 | 0 | 0 | 0 | 8 | 1 | 0 | 23 |
| NEWGALE NORTH | 0 | 3 | 5 | 1 | 2 | 1 | 45 | 3 | 0 | 60 |
| NEWGALE SOUTH | 0 | 0 | 0 | 0 | 0 | 0 | 32 | 1 | 1 | 34 |
| NEWPORT SANDS | 0 | 1 | 14 | 2 | 1 | 0 | 24 | 3 | 7 | 52 |
| POPPIT SANDS | 0 | 0 | 4 | 2 | 2 | 0 | 17 | 2 | 0 | 27 |
| SAUNDERSFOOT | 2 | 3 | 27 | 5 | 0 | 6 | 35 | 11 | 0 | 89 |
| TENBY CASTLE | 0 | 6 | 13 | 6 | 0 | 0 | 42 | 16 | 3 | 86 |
| TENBY NORTH | 0 | 2 | 13 | 4 | 0 | 0 | 24 | 3 | 0 | 46 |
| TENBY SOUTH | 5 | 16 | 53 | 3 | 0 | 1 | 55 | 12 | 0 | 145 |
| WHITESANDS | 2 | 25 | 37 | 7 | 1 | 0 | 94 | 17 | 0 | 183 |
| Totals | 9 | 58 | 190 | 34 | 6 | 10 | 435 | 70 | 11 | 823 |

In comparison to 2008, numbers of beach users have significantly increased. This could be due to the current economic climate and people choosing to holiday closer to home. We have also had a number of film productions taking place around the Pembrokeshire coast possibly attracting increased number of tourists.

The following table calculates the number of preventative actions conducted by lifeguards.

PREVENTATIVE ACTIONS

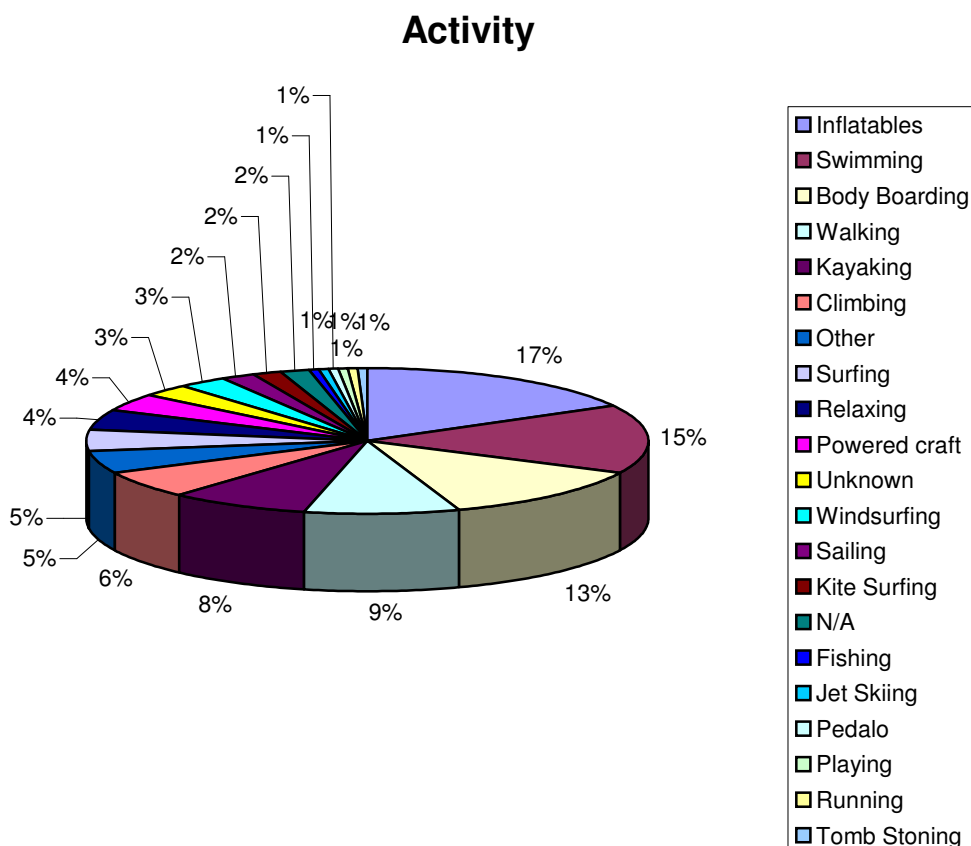
'Any action taken by a lifeguard aimed at preventing persons being exposed to danger.'

Pembrokeshire lifeguards recorded all preventative actions taken on a daily basis and throughout the season this amounted to 225,101 preventative actions.

| Lifeguard Unit | Total | % of Total |
|--------------------|----------------|---------------|
| Tenby South | 34,720 | 15.4% |
| Whitesands | 34,170 | 15.2% |
| Tenby Castle | 22,619 | 10.0% |
| Newgale North | 21,290 | 9.5% |
| Tenby North | 20,452 | 9.1% |
| Saundersfoot | 19,946 | 8.9% |
| Newgale South | 12,745 | 5.7% |
| Broad Haven | 12,727 | 5.7% |
| Poppit Sands | 12,090 | 5.4% |
| Amroth | 11,858 | 5.3% |
| Newport Sands | 10,362 | 4.6% |
| Lydstep | 9,671 | 4.3% |
| Dale | 2,273 | 1.0% |
| Nolton Haven | 178 | 0.1% |
| Grand Total | 225,101 | 100.0% |

ACTIVITY

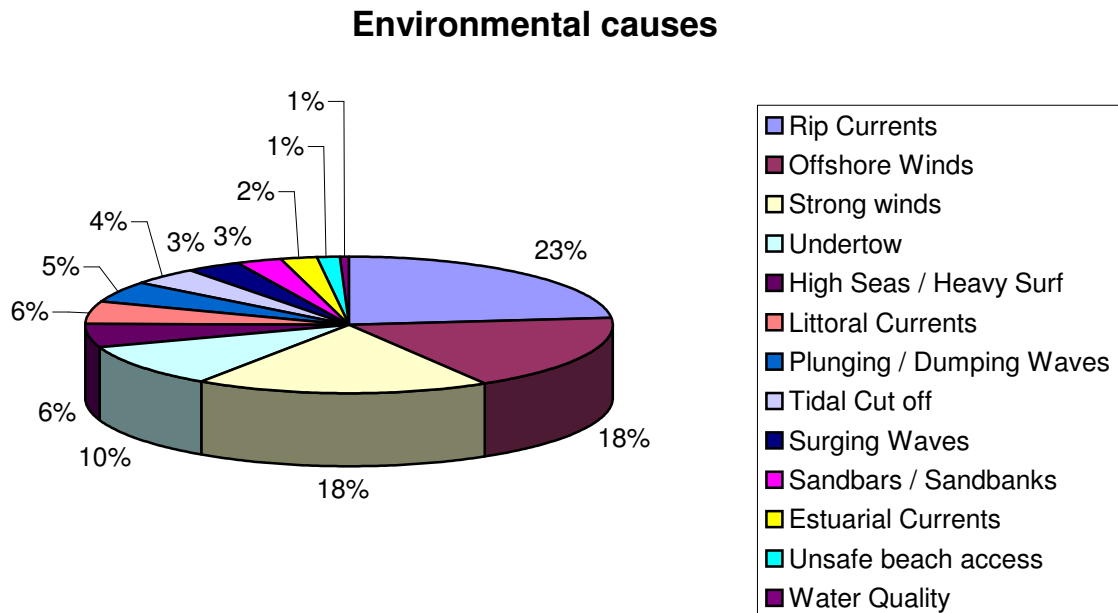
The following chart illustrates the activities that contributed to incidents throughout 2009 in Pembrokeshire.



The activity chart shows that the use of inflatables to be the greatest cause of incidents, this is largely due to strong off shore winds during 2009.

ENVIRONMENTAL FACTORS

The following chart illustrates the environmental factors that contributed to incidents throughout 2009 in Pembrokeshire.



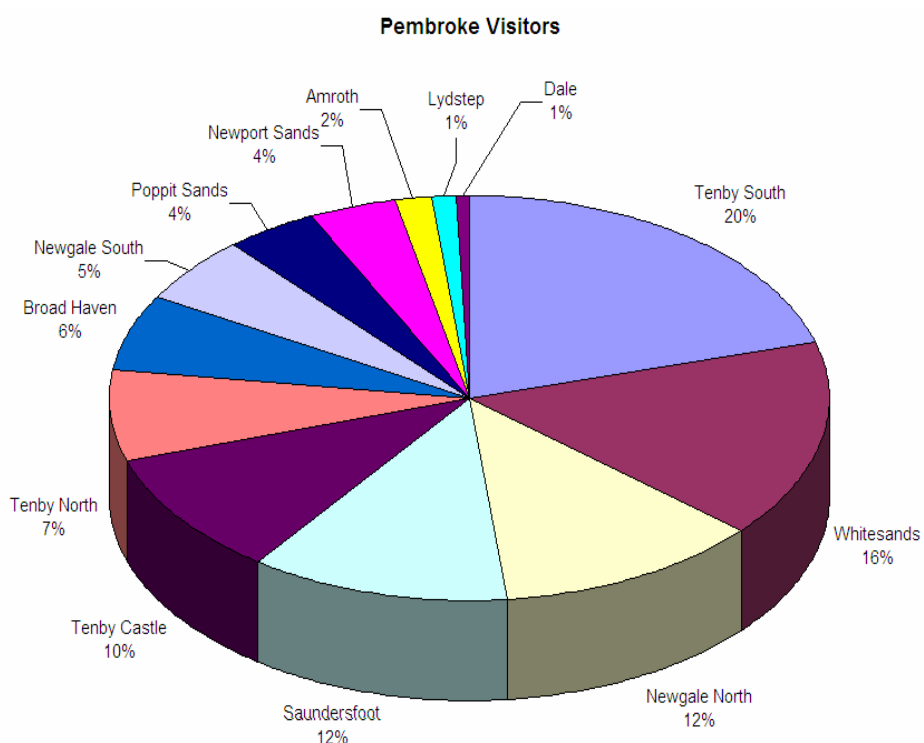
Combinations of rip currents, strong winds, inflatable users and swimmers resulted in the majority of incidents in 2009.

VISITOR NUMBERS

Lifeguards recorded beach visitor numbers in their daily logbooks on an hourly basis. Throughout the season, 584,180 people visited the Pembrokeshire beaches.

| Lifeguard Unit | Beach Users | Swimmers | Surf Craft | Surf Schools | Total | % of Total |
|----------------|-------------|----------|------------|--------------|---------|------------|
| Tenby South | 130,415 | 6,687 | 1,354 | 20 | 138,476 | 20.6% |
| Whitesands | 84,930 | 14,177 | 6,615 | 104 | 105,826 | 15.7% |
| Newgale North | 61,049 | 10,440 | 9,120 | 221 | 80,830 | 12.0% |
| Saundersfoot | 73,255 | 5,209 | 1,117 | 5 | 79,586 | 11.8% |
| Tenby Castle | 61,233 | 5,089 | 584 | 0 | 66,906 | 9.9% |
| Tenby North | 45,370 | 3,071 | 737 | 0 | 49,178 | 7.3% |
| Broad Haven | 31,181 | 6,546 | 2,816 | 0 | 40,543 | 6.0% |
| Newgale South | 30,314 | 3,251 | 1,592 | 80 | 35,237 | 5.2% |
| Poppit Sands | 25,099 | 2,531 | 699 | 9 | 28,338 | 4.2% |
| Newport Sands | 22,830 | 2,766 | 749 | 25 | 26,370 | 3.9% |
| Amroth | 9,902 | 1,130 | 308 | 0 | 11,340 | 1.7% |
| Lydstep | 5,424 | 626 | 412 | 0 | 6,462 | 1.0% |
| Dale | 3,178 | 348 | 1,096 | 0 | 4,622 | 0.7% |
| Grand Total | 584,180 | 61,871 | 27,199 | 464 | 673,714 | 100.0% |

These figures are collated to give an idea of how busy the beaches are and not for detailed analysis. The visitor numbers in this report are a sum of the daily peak figure.



Whitesands and Tenby South had the highest visitor counts. Dale and Lydstep had the least number of visitors. This is consistent with what the lifeguards reported during 2008

SCHOOL / EDUCATION TALKS

During 2009 RNLI lifeguards were involved in numerous beach safety talks and campaigns. Lifeguards joined the 'Get Splashed' scheme, an outdoor activity day for school children organised by Pembrokeshire County Council. Lifeguards gave beach safety beach advise to the school groups involved.

Lifeguards also joined forces with Dyfed Powys police and participated in a 'Wild Camp' week of activities for young people. Beach safety talks were given and a number of youngsters put through nipper surf lifesaving awards.

At the end of the season RNLI Lifeguards attended the joint emergency service safety event 'Crucial Crew'. This event attracted 1,600 children over the two-week period.

The RNLI continues to provide the 'Hit the Surf' programme and have identified a number of schools to be visited during the winter months.

Lifeguards also attended numerous school fetes across the county, and have had visits from local schools where a beach safety talk has been provided.

Hit the surf students at Tenby South beach.



The following table details the number of educational programmes run/attended.

| School Name & Address | Lifeguard Unit | Date | No LGs | Age of Children | No. Children | Type |
|--|----------------|----------|--------|-----------------|-------------------|---------------------------------|
| Sunday School, St Catherine's Church | Tenby North | 04.07.09 | 1 | Under 18 | 12 | Visit beach |
| One Big Rescue | Newport | 21.07.09 | 3 | Under 7 | 30 | Ad Hoc beach safety demo |
| Wild Camp, Pembrokeshire County Council, County Hall Haverfordwest | Tenby South | 21.07.09 | 5 | 11-14 | 55 | Visit beach/Attendance at event |
| Splash, Pembs County Council, County Hall, Haverfordwest | Various | 20.08.09 | 2 | Under 7 | 580 | Attendance at event |
| Crucial Crew - Haverfordwest Air Field | Various | 30.09.09 | - | 7-11 | 1000 (over 2 wks) | Attendance at event |
| Angle School, Angle | Various | 19.07.09 | 1 | Under 7 | 100 | Visit school/club |

During 2009 RNLI lifeguards delivered beach safety information to 1,777 children. This information includes where to swim, how to spot dangers and what to do in an emergency.

PUBLIC RESCUE EQUIPMENT CHECKS

Throughout the season lifeguards check all PRE located on the beaches on a daily basis. The equipment checked included life buoys and emergency telephones. Any defects or missing PRE were reported to the relative Beach Warden or Officer and designated RNLI Supervisor at the start of everyday

Beach Lifeguards Significant Incidents 2009 – Pembrokeshire

| <u>Report No.</u> | <u>Unit Name</u> | <u>Date</u> | <u>Incident Nature</u> |
|--------------------------|-------------------------|--------------------|---|
| 0033954 | SAUNDERSFOOT | 18.07.2009 | Assistance 4 Offshore winds took inflatable ring out with 3 teenagers in, a kayaker they were with tried to pull them in but couldn't. Lifeguard carried out a swim rescue. |
| 0033965 | SAUNDERSFOOT | 13.08.2009 | Life Saved 2 Boys struggled to get in after inflatable deflated. LG went over on ATV with a board and rescue tube and went in the water. LG clipped the rescue tube onto the eldest and then put the other on the rescue board and paddled in. |
| 0033861 | TENBY NORTH | 08.08.2009 | OTHER A bullet (live) was washed up on beach, member of public handed it to Lifeguards. Lifeguard supervisor informed police collected the item. |
| 0034001 | TENBY CASTLE | 06.07.2009 | Major First Aid 1 a public member informed lifeguards of a male falling down Paragon steps who was unconscious. On arrival the male was alert and self-mobile, very violent and under the influence of alcohol. Male had laceration above right eyebrow; Coastguard and police called and handed over to CG. |
| 0034005 | TENBY CASTLE | 27.07.2009 | Assistance 2 Elderly couple drove onto beach to turn around but got stuck, used tractor to tow car off beach then couple were given advice. |

| | | | |
|---------|---------------|------------|---|
| 0034018 | TENBY CASTLE | 29.08.2009 | OTHER 1 Man taking photos of children then when the Lifeguard asked what he was doing he said he liked taking photos of children. Lifeguard contacted Supervisor who informed Police. |
| 0034021 | TENBY CASTLE | 04.09.2009 | OTHER 1 Man taking pictures of children swimming (4-7years old) |
| 0033662 | TENBY SOUTH | 25.07.2009 | Life Saved 5 36 children and 4 adults were in water doing a team building exercise. On an incoming spring tide, persons seen to walk out on to the Whiteback. When instructed to return to shore by lifeguard persons stepped off sand bank and began to panic mass rescue of casualties ensued. |
| 0032106 | LYDSTEP | 09.08.2009 | Assistance 1 Boy fell off rocks, lifeguards assisted with clearing area for "Helimed". Helicopter took boy to hospital. |
| 0027956 | NEWGALE NORTH | 03.08.2009 | Rescue 3 Three body boarders washed around Penycwm point at the North end of Newgale in large surf. It was high tide and lifeguards had to swim over 800 meters to assist the casualties who were found clinging to rocks. Both Little Haven and St David's Lifeboats were launched but stood down after lifeguards with assistance by member of the public managed to get body boarders ashore. |
| 0027957 | NEWGALE NORTH | 24.08.2009 | Major First Aid 1 Casualty was land boarding when came off craft. Casualty unconscious with head injury was airlifted to hospital |

| | | | |
|---------|---------------|------------|---|
| 0033706 | WHITESANDS | 30.05.2009 | Life Saved 1 In large surf body boarder got into difficulty in Rams Nose rip. Father tried to reach casualty but got into difficulty and started to panic going under water. Lifeguards rescued father and son (on body board). |
| 0033724 | WHITESANDS | 22.07.2009 | Rescue 1 In large surf a swimmer in bathing area was noticed to be experiencing difficulties Lifeguard used rescue board to rescue casualty. On return to shore casualty was administered Oxygen and advised to attend hospital. |
| 0033728 | WHITESANDS | 27.07.2009 | Rescue 1 In large surf female body boarder rescued from Rams Nose rip. On returning to shore she had swallowed water and treated accordingly. |
| 0035753 | NEWPORT SANDS | 20.07.2009 | Assistance 2 Mum and son became cut off from the beach by incoming tide, LG responded and directed the two to safety and ended up carrying the boy (age 4-5) across the rocks to the beach. |
| 0035701 | POPPIT SANDS | 27.06.2009 | Major First Aid 1. A Female complaining of chest pains. First aid administered by lifeguards, Coastguard contacted and requested an ambulance. |

Appendix 2

Review of Service Levels 2009

Saundersfoot Beach

Saundersfoot beach is 1000m wide at low water, and it merges with Coppet Hall beach. The tide range across the beach can be 500m. Presently the beach is operated and patrolled by two RNLI Lifeguards from a MLU (mobile lifeguard Unit) based at the southern end of the beach adjacent to car park and beach shops, bars and the main slipway and beach access.

Saundersfoot is a very popular beach, which attracted approximately 79,586 beach users during the lifeguard season.

There are often conflicting activities taking place including boats launching from the beach, bathers and hired craft. During the 2009 season 19,946 preventative actions were undertaken.

The following table shows the number of incidents in 2009.

| Beach Lifeguard Unit | Lives Saved | Rescue | Assistance | Major FA | Near Miss | Search | Minor FA | Missing / Found | Other | Total |
|----------------------|-------------|--------|------------|----------|-----------|--------|----------|-----------------|-------|-------|
| SAUNDERSFOOT | 2 | 3 | 27 | 5 | 0 | 6 | 35 | 11 | 0 | 89 |

Saundersfoot that was the 3rd busiest lifeguard station in Pembrokeshire and dealt with 89 incidents. Lifeguards will spend long times away from the lifeguard station and patrolling the whole beach can be difficult with only 2 lifeguards. The service is currently enhanced with an ATV (All Terrain Vehicle) during busy times.

It is proposed that manning levels be increased to 3 lifeguards on duty during the busy peak season, a period of 8 weeks. This will cost an extra £4,345.

Proposed 2010 service level -

| Beach Name | Number of lifeguards | | Equipment | | | | |
|--------------|----------------------|--------|-----------|-------|--------|-----|-----|
| | Main | Peak 1 | Peak 2 | Tubes | Boards | ATV | 4WD |
| Saundersfoot | 2 | 3 | 3 | 2 | 1 | 0 | 0 |

Season dates 2010

| | Training | Start | End | Duration |
|---------------|-------------|----------------------|----------------------|----------|
| Full | 19-30 April | 1 st May | 12 th Sep | 21wks |
| Main | 17-28 May | 29 th May | 5 th Sep | 18wks |
| Peak 1 | 13-Jun | 26-Jun | 5 th Sep | 10wks |
| Peak 2 | 29-Jun | 10-Jul | 5 th Sep | 8wks |

Neil Thomas
Divisional Lifeguard Manager

Appendix 3

Review of Service Levels 2009

Whitesands Beach

Whitesands is a very popular surf beach and is just over a mile in length at low water. Three lifeguards patrol the beach and are based in Porthmawr SLSC (Surf Lifesaving Club).

Following a service level review of the 2008 season the lifeguards patrolled an extra 4 weeks in response to the early season beach populations.

2009 was a busy season at Whitesands lifeguards recorded approximately 106,195 visitors and dealt with 154 incidents.

The following table shows the number of incidents in 2009.

| Beach Lifeguard Unit | Lives Saved | Rescue | Assistance | Major FA | Near Miss | Search | Minor FA | Missing / Found | Other | Total |
|----------------------|-------------|--------|------------|----------|-----------|--------|----------|-----------------|-------|-------|
| WHITESANDS | 2 | 14 | 19 | 7 | 1 | 0 | 94 | 17 | 0 | 154 |

The following table shows incidents frequency over the season

| Week Number | Date Range | Whitesands |
|-------------|----------------|------------|
| 29 | 13 - 19 Jul | 7 |
| 30 | 20 - 26 Jul | 16 |
| 31 | 27 Jul - 2 Aug | 18 |
| 32 | 3 - 9 Aug | 23 |
| 33 | 10 - 16 Aug | 22 |
| 34 | 17 - 23 Aug | 23 |
| 35 | 24 - 30 Aug | 11 |

During the 2009 season a patrol vehicle was provided to assist the lifeguards to make public address announcements and have improved observation of the surf zone from the waters edge.

The service level was further enhanced with an extra lifeguard during peak season as despite poor weather the beach was still busy and the service was overwhelmed.

For 2010 it is recommended that the manning level should be increased to 4 lifeguards during the peak season. This will cost £4,350.

In addition the patrol vehicle should be implemented for the whole 2010 season.

Proposed 2010 service level -

| Beach Name | Number of lifeguards | | | Equipment | | | | |
|-----------------------|-----------------------------|---------------|---------------|------------------|---------------|------------|------------|------------|
| | Main | Peak 1 | Peak 2 | Tubes | Boards | ATV | 4WD | IRB |
| Whitesands | 3 | 3 | 4 | 5 | 3 | | 1 | |

Season dates

2010

| | Training | Start | End | Duration |
|---------------|-----------------|----------------------|----------------------|-----------------|
| Full | 19-30 April | 1 st May | 12 th Sep | 21wks |
| Main | 17-28 May | 29 th May | 5 th Sep | 18wks |
| Peak 1 | 13-Jun | 26-Jun | 5 th Sep | 10wks |
| Peak 2 | 29-Jun | 10-Jul | 5 th Sep | 8wks |

Neil Thomas
Divisional Lifeguard Manager

Appendix 4

Review of Service Levels 2009

Broadhaven Beach

Broadhaven Beach is situated next to Little Haven Beach and at low water they merge creating a large beach approximately a mile long. The beach is patrolled by two lifeguards based from a MLU (Mobile Lifeguard Unit) situated at the northern end of the beach adjacent to the main car park for the beach.

Lifeguards dealt with 48 incidents and carried out 12,727 preventative actions during 2009 season.

| Beach Lifeguard Unit | Lives Saved | Rescue | Assistance | Major FA | Near Miss | Search | Minor FA | Missing / Found | Other | Total |
|----------------------|-------------|--------|------------|----------|-----------|--------|----------|-----------------|-------|-------|
| BROAD HAVEN | 0 | 0 | 2 | 1 | 0 | 1 | 43 | 1 | 0 | 48 |

Incident numbers and preventative actions frequency at Broadhaven during 2009

| Week Number | Date Range | Incidents numbers | Preventative Actions Haven |
|---------------|----------------|-------------------|----------------------------|
| 26 | 22 - 28 Jun | 1 | 407 |
| 27 | 29 Jun - 5 Jul | 1 | 788 |
| 28 | 6 - 12 Jul | 1 | 1,528 |
| 29 | 13 - 19 Jul | 2 | 1,286 |
| 30 | 20 - 26 Jul | 5 | 784 |
| 31 | 27 Jul - 2 Aug | 2 | 1,447 |
| 32 | 3 - 9 Aug | 9 | 1,503 |
| 33 | 10 - 16 Aug | 14 | 1,378 |
| 34 | 17 - 23 Aug | 5 | 1,562 |
| 35 | 24 - 30 Aug | 7 | 1,208 |
| 36 | 31 Aug - 6 Sep | 1 | 836 |
| Totals | | 48 | 12,727 |

Due to the large tidal range lifeguards have to walk large distances to place signage and to manage the bathing area. Tidal cut off danger areas at Little Haven Beach are a 1000m from the MLU. When the lifeguards patrol these areas the lifeguard unit is unmanned for long periods of the day. In addition the lifeguard have limited resources at waters edge and have to return to the MLU to get the responder pack, defibrillation equipment, spinal board and oxygen.

The introduction of an ATV will allow lifeguards to undertake effective patrols whilst allowing them ability to be flexible to respond to incident. The ATV will also assist with the distribution of signage and equipment and effective patrols for the tidal cut off areas. The ATV would be housed in a council lock up.

In addition it is proposed that manning levels should be increased to 3 lifeguards on duty during the peak season. This will cost £4,350

Proposed Service Levels 2010 -

| Beach Name | Number of lifeguards | | Equipment | | | | |
|-----------------------|-----------------------------|---------------|------------------|--------------|---------------|------------|----------------|
| | Main | Peak 1 | Peak 2 | Tubes | Boards | ATV | 4WD/MTV |
| Broadhaven | 2 | 3 | 3 | 3 | 1 | 0 | 0 |

**Season dates
2010**

| | Training | Start | End | Duration |
|---------------|-----------------|----------------------|----------------------|-----------------|
| Full | 19-30 April | 1 st May | 12 th Sep | 21wks |
| Main | 17-28 May | 29 th May | 5 th Sep | 18wks |
| Peak 1 | 13-Jun | 26-Jun | 5 th Sep | 10wks |
| Peak 2 | 29-Jun | 10-Jul | 5 th Sep | 8wks |

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Appendix 5

Review of Service Levels 2009

Newgale Beach

Newgale is a large beach, which at low water is just under, 2 miles long. Newgale is patrolled by 5 lifeguards forming two patrols covering the north and south of the beach. The lifeguards are based in two MLU (Mobile Lifeguard Units).

Newgale is a popular beach for surfing, body boarding, kite surfing and bathing.

There were 116,067 visitors and 94 incidents recorded by lifeguards during the 10 week season. Lifeguards also recorded 34,035 preventative actions.

| Beach Lifeguard Unit | Lives Saved | Rescue | Assistance | Major FA | Near Miss | Search | Minor FA | Missing / Found | Other | Total |
|----------------------|-------------|--------|------------|----------|-----------|--------|----------|-----------------|-------|-------|
| NEWGALE NORTH | 0 | 1 | 5 | 1 | 1 | 2 | 45 | 3 | 0 | 58 |
| NEWGALE SOUTH | 0 | 0 | 0 | 0 | 0 | 0 | 32 | 1 | 3 | 36 |

Due to topography of the beach it is difficult to negotiate the surf zone especially when the surf is over 1m. The water movement can be considerable and the currents run parallel to the shore.

It is proposed to trial an IRB (Arancia Inshore Rescue Boat) during 2010 to assist the lifeguards with patrolling the beach and performing rescues. The advantage of an IRB will allow a faster response time and more efficient patrol coverage.

In addition an extra lifeguard is needed bolster the two patrols during the peak season. This will cost £5,432.

Proposed Service Levels 2010 -

| Beach Name | Number of lifeguards | | | | Equipment | | |
|---------------|----------------------|--------|--------|-------|-----------|---------|---------|
| | Main | Peak 1 | Peak 2 | Tubes | Boards | ATV | 4WD |
| Newgale North | 3 | 4 | 5 | 3 | 1 | 1 Trial | 1 Trial |
| Newgale South | 2 | 2 | 2 | 2 | | | |

Season dates 2010

| | Training | Start | End | Duration |
|--------|-------------|----------------------|----------------------|----------|
| Full | 19-30 April | 1 st May | 12 th Sep | 21wks |
| Main | 17-28 May | 29 th May | 5 th Sep | 18wks |
| Peak 1 | 13-Jun | 26-Jun | 5 th Sep | 10wks |
| Peak 2 | 29-Jun | 10-Jul | 5 th Sep | 8wks |

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