

## Dwelling Fires

The FSEC risk profile for the Isle of Wight divides the Island into 5 categories which cover the following percentages of the total area:-

- Very High } 3%
- High } 3%
- Medium } 10%
- Low } 87%
- Very Low } 87%

For the purpose of setting 'IW Response Standards' for dwelling fires, it is recommended that the following will apply:-

- 'Very High' and 'High' risk become – **'Urban Risk'**
- 'Medium' risk becomes – **'Semi-Rural Risk'**
- 'Low' and 'Very Low' risk becomes – **'Rural Risk'**

Referring to Appendix 2 'Cast Planning Scenarios Matrix' we can see that for dwelling fires we have 'Cast 2 – Dwellings Low Rise' and 'Cast 5 – Dwellings Medium Rise'. Both 'Casts' require an initial attendance of 10 Firefighters therefore a minimum initial response of 2 fire appliances is required (crewed by 5 Firefighters each).

Therefore; it is recommended that the following should become the 'IW Response Standards' for dwelling fires:-

Dwelling Fires		
Risk Areas	Attendance of 1 <sup>st</sup> Appliance in:	Attendance of 2 <sup>nd</sup> Appliance in:
Urban	<=8 minutes	11 minutes
Semi-Rural	<=11minutes	14 minutes
Rural	<=15 minutes	18 minutes
<b>Target 2007/8</b>	<b>80%</b>	<b>80%</b>

Because these recommendations are based on FSEC attendance times to 'Output Areas' we can clearly identify the 20% of 'Output Areas' that fall outside of the recommended 'Response Standard'.

It is recommended that the properties that are located in these 'Output Areas' are prioritized using their risk profile and targeted by the Community Safety Department for Home Fire Safety Checks.

## Road Traffic Collisions

The FSEC risk profile for the Island showing RTCs (Figure 3) clearly identifies 'Output Areas' that are high and medium risk. However, it is recommended that there be no different 'Response Standard' set for the different risk profiles for the following reasons:-

- RTCs can occur anywhere on the Island as opposed to fixed dwellings within 'Output Areas'.
- The vast majority of RTCs that involve casualty extrication will require the attendance of a 'Rescue Pump' and the 'Rescue Tender', both of which are located at Station 1 – Newport.

Referring to Appendix 2 'Cast Planning Scenarios Matrix' we can see that for Road Traffic Collisions we have 'Cast 29 – Casualty trapped: RTC' which requires a minimum initial attendance of 10 Firefighters.

It is clear that the Isle of Wight Fire and Rescue Service has 3 levels of response to RTCs based on equipment carried and crew competence therefore; it is recommended that the following should become the 'IW Response Standards' for Road Traffic Collisions:-

<b>Road Traffic Collisions</b>			
<b>Risk Areas</b>	<b>Attendance of 1<sup>st</sup> Appliance in:</b>	<b>Attendance of Rescue Pump in:</b>	<b>Attendance of Rescue Tender in:</b>
<b>Whole Island</b>	<b>&lt;=15 minutes</b>	<b>&lt;=20 minutes</b>	<b>&lt;=20 minutes</b>
<b>Target 2007/8</b>	<b>95%</b>	<b>90%</b>	<b>80%</b>