



ROAD SAFETY SCOTLAND ANNUAL SEMINAR 2022

SFRS Post Crash Response Advancement



Group Commander Niall MacLennan

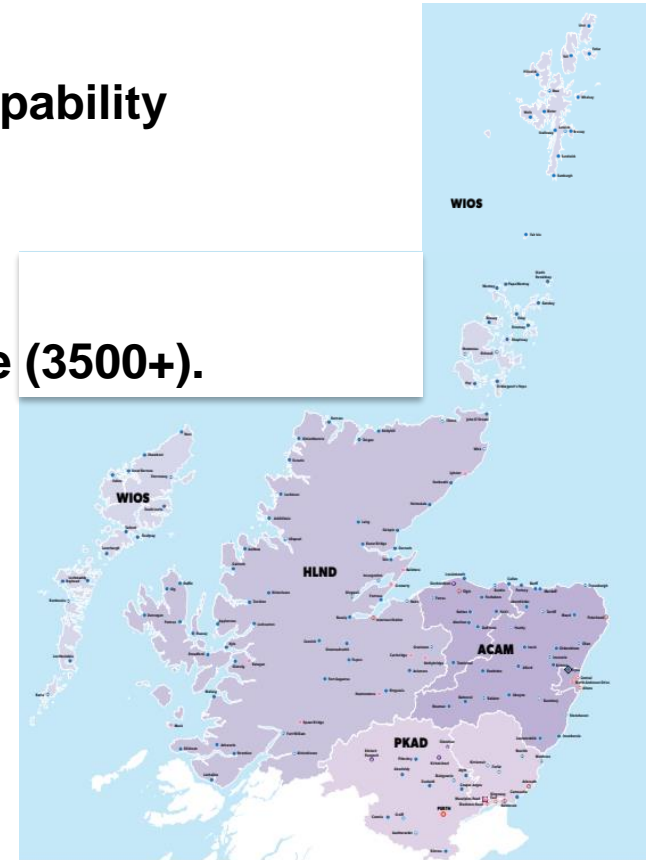
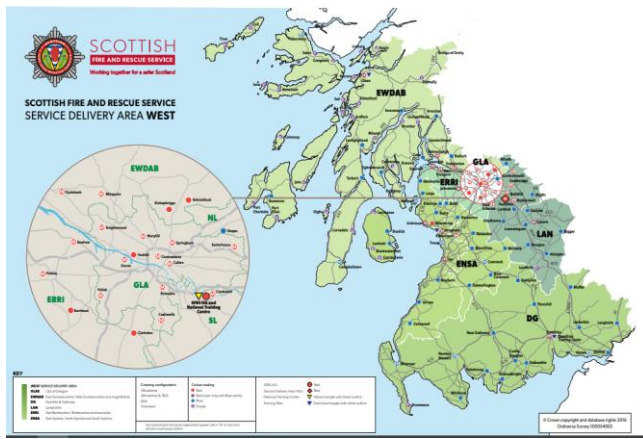


Presentation Format

- **Overview of SFRS 'Post Crash' response capability**
- **Key response principles and priorities**
- **Response evolution**
- **Future considerations.**

Response Capability

- 356 stations
- 353 Appliances with RTC enhanced response capability
- 92 appliances with RTC support capability
- 5 Heavy rescue Units
- All front line personnel trained for RTC response (3500+).



Key Response Principles and Priorities

Incident Response

- Operations Control Room information gathering
- Appliance PDA and deployment
- Information to crews for enroute planning.

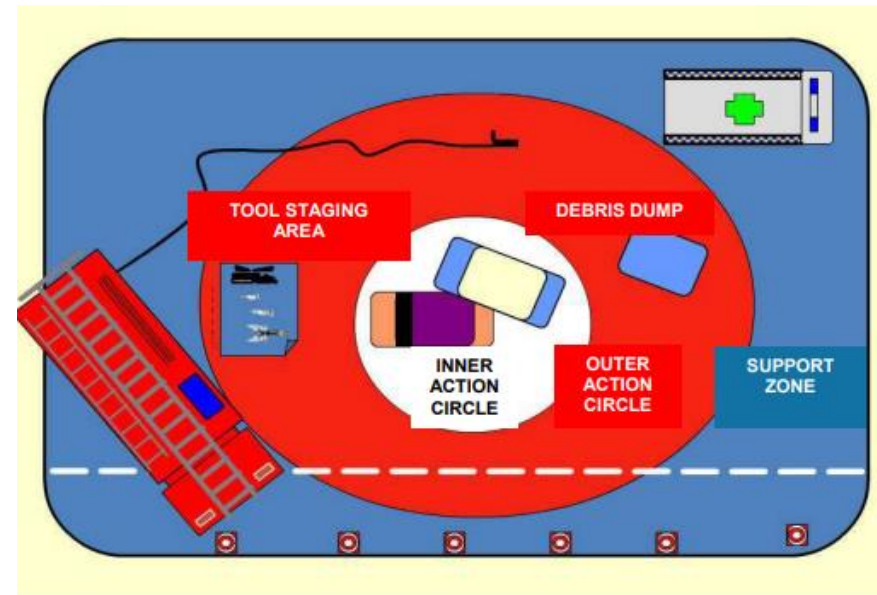


Key Response Principles and Priorities

Incident Management

- Casualty Centred
- Co-ordinated & systematic approach
- Risk managed
- Multi-agency

“TIME CRITICAL”



Response Evolution

Operational Assurance



Response Evolution

Casualty Care

- Trauma management capability
- Trauma packs



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FIRE AND RESCUE SERVICE
Working together for a safer Scotland

Response Evolution

- Incident Management - Extraction Procedures

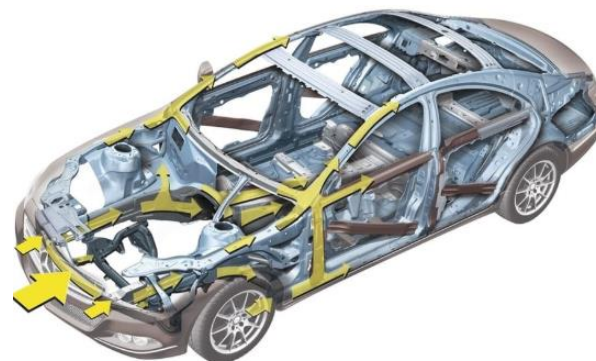
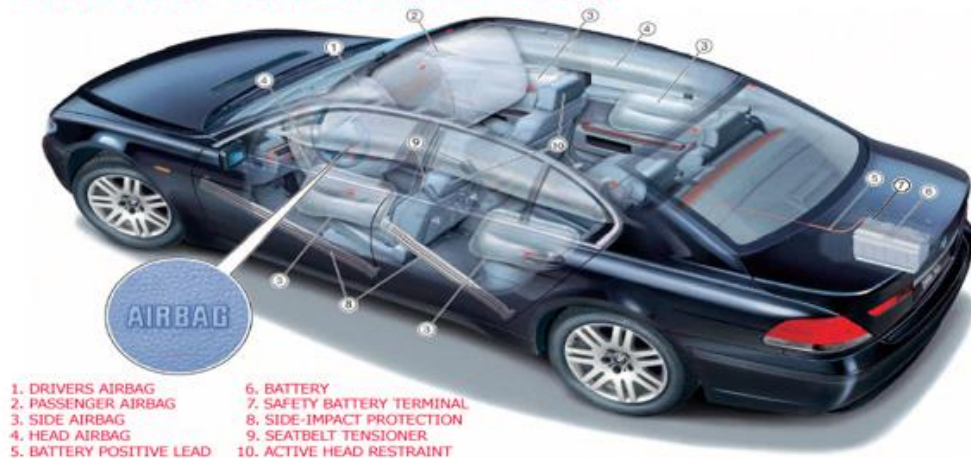
SPEED OF EXTRICATION	CASUALTY CONDITION	TIME
FULL	STABLE	20 MINUTES
EMERGENCY	'TIME CRITICAL' BUT STABLE	5-10 MINUTES
IMMEDIATE	'TIME CRITICAL' BUT UNSTABLE	1 MINUTE

Response Evolution

Vehicle Management & Extraction Techniques

- Vehicle design understanding

OVERVIEW OF RESTRAINT & SAFETY SYSTEMS



Response Evolution

Vehicle Management & Extraction Techniques

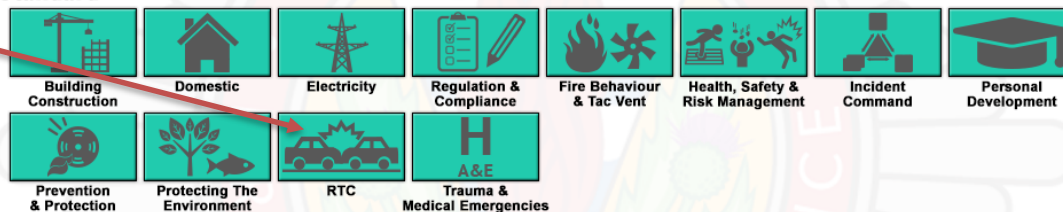
- Training & Development



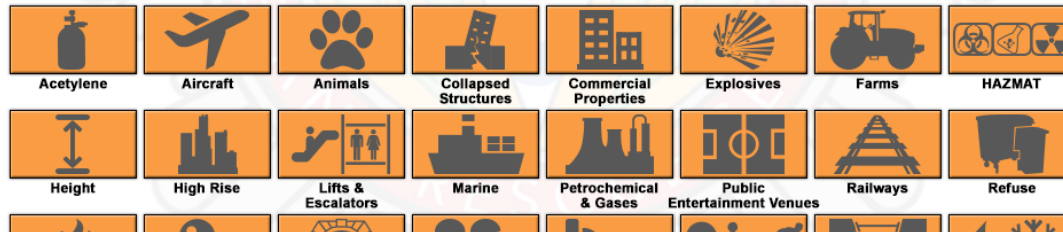
Core



Standard



Advanced

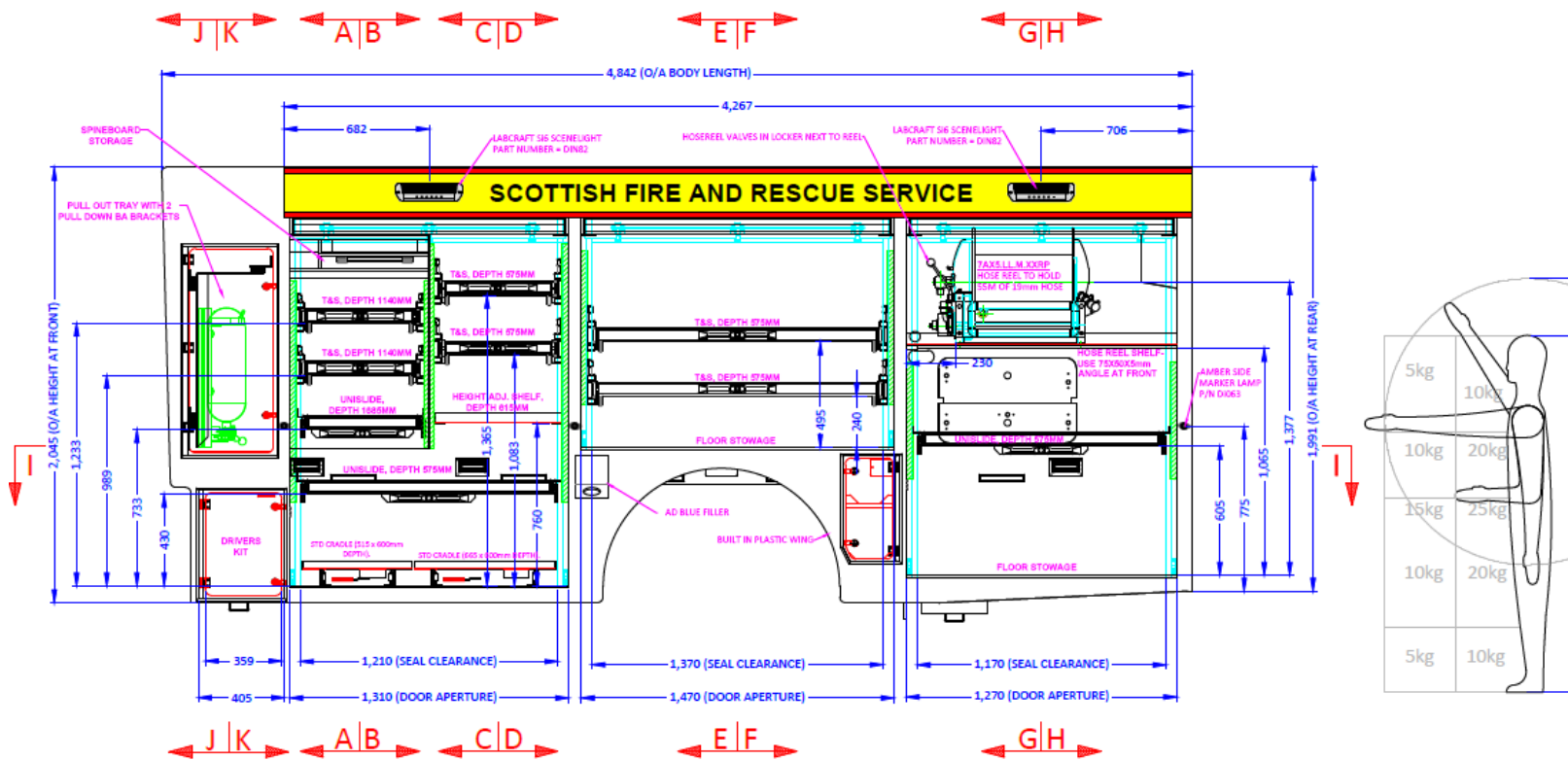


Response Evolution

- **Extraction & RTC Equipment**



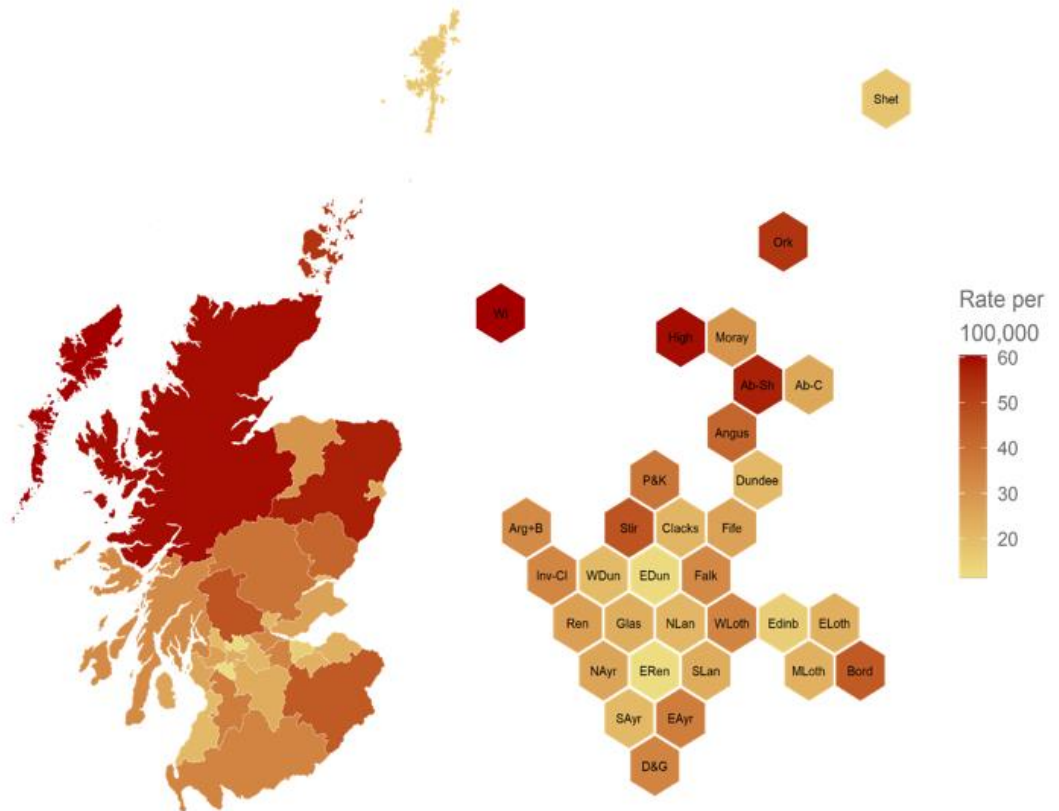
Appliance Design & Configuration



Future Considerations

Data Analysis:

- Response Planning
- Prevention Planning



Future Considerations

Electric Vehicles Incidents:



[Professor Paul Christensen](#)

<https://www.youtube.com/watch?v=TX33QR2A5w0>



Any Questions?