

# ***Emergency Data Exchange Language - Situation Reporting (EDXL-SitReps)***

## ***Follow up questions or comments:***

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# EDXL Overview

## ■ History

- *Partnership for Public Warning (PPW)*
- *OASIS Emergency Management Technical Committee*
- *Emergency Interoperability Consortium (EIC)*
- *DHS/Science & Technology Office for Interoperability and Compatibility*

# ***EDXL Overview***

## ■ **EDXL Process**

- Practitioner Driven
- Not a Language
- All About Data-Sharing

## ● **Benefits**

- Cross geographical messaging
- Cross discipline messaging
- Emergency

## ■ **Standard Development**

- Free and Open OASIS Process
- Common Alerting Protocol
- Distribution Element
- Other Content Standards

## ● **Features**

- International Standard
- Vendor reviewed

# EDXL Overview

## ■ Current EDXL Standards

- *EDXL-Common Alerting Protocol (CAP)*
- *EDXL-Distribution Element (DE)*
- *EDXL-Hospital Availability eXchange (HAVE)*
- *EDXL-Resource Messaging (RM)*

## ● EDXL Standards Under Development

- *EDXL-Situation Reporting (Sit-Rep)*
- *EDXL-Tracking of Emergency Patients (TEP)*

## ***EDXL – SitReps Core Contributors***

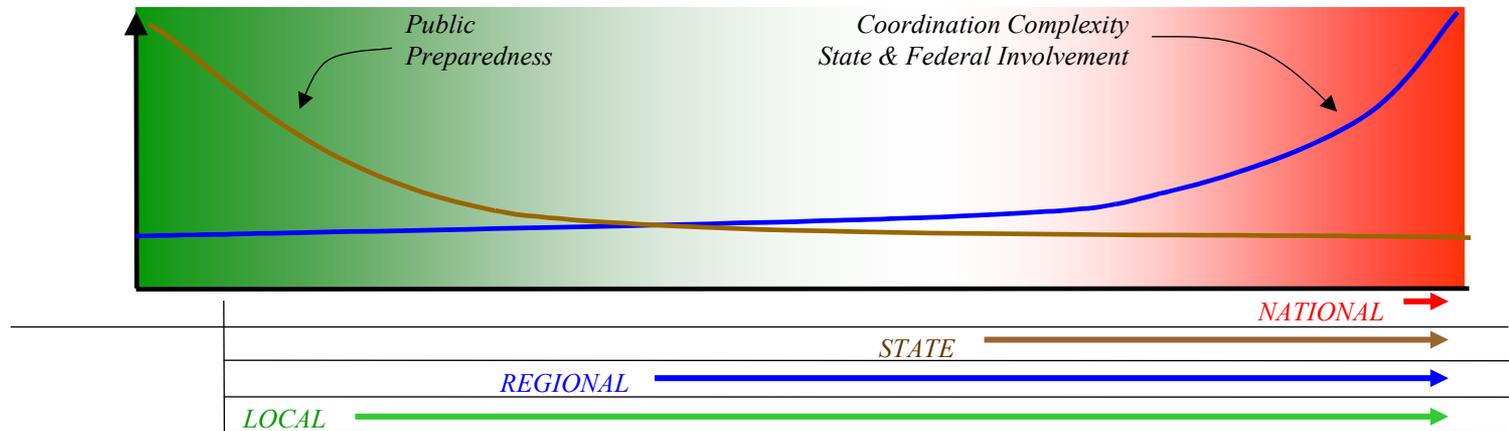
The following OASIS members have formed the core contributors of the EDXL-SitRep Sub-Committee and Participated in two face-to-face Sessions

- ❑ Rex Brooks
- ❑ Tom Ferrentino
- ❑ Tim Grapes
- ❑ Gary Ham
- ❑ Werner Joerg
- ❑ Don McGarry
- ❑ Rob Torchon

## ***EDXL – SitReps Status & Plans***

- **June 2009–Sept 2010:** Sub-Committee Development in the OASIS EM-TC plus Evaluation of new NIMS ICS forms
- **February 2010:** OASIS Sub-committee face to face sessions in Philadelphia during TCIP – Conceptual Message Structure Developed
- **October 2010:** OASIS Sub-committee face to face sessions in Arlington, VA (IEM) – 1<sup>st</sup> cut Model, Data Dictionary, XML Schema.
- **November 2010:** Planned OASIS Committee Draft SitRep 1.0 delivery for vote by the OASIS EM-TC. 60-day public comment follows.

## “Situation Reporting” Incident Scale and Complexity



As emergencies “spin up” there is a need for more information and multi-agency coordination

To effectively respond to incidents, first responders and decision-makers need ...

**Data** – Information about the incident

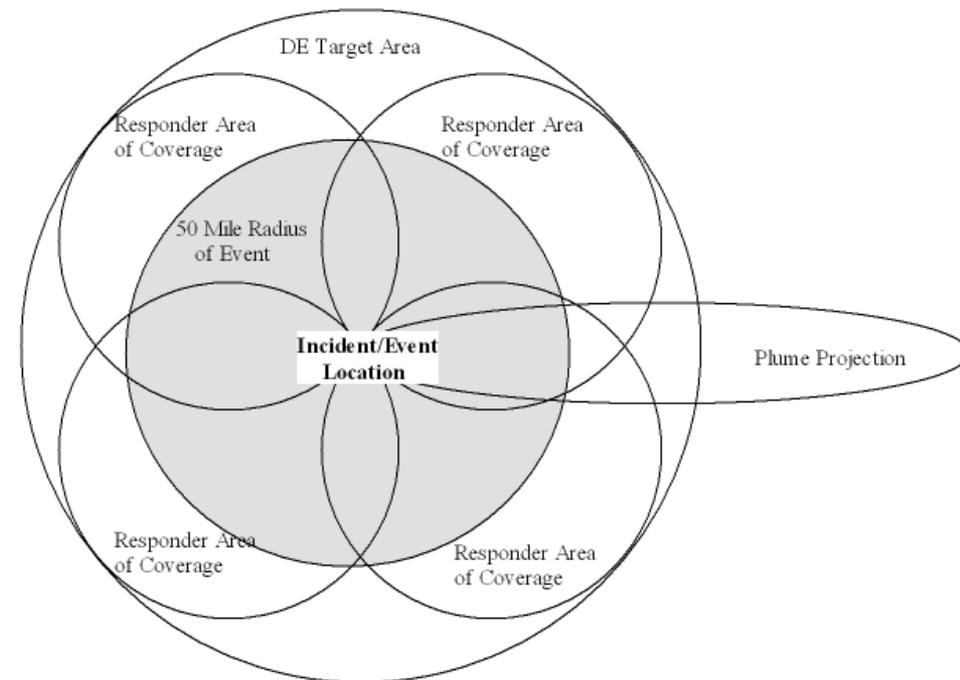
**Interoperability** – A way to share knowledge

Courtesy  
John  
Contestabile

## ***Improve Emergency Response & Management through better information sharing in a more timely fashion***

### Coordination & Management:

- Within Incident (primarily voice)
- Incident and outside entities
- Between outside entities
- To the Public
- Up the Chain of Command



## ***SITUATION or INCIDENT...***

Occurrences of any scale (collection of events, observations and actions) that require some form of Emergency Resource Mitigation, Planning, Preparation, Response and/or Recovery.

## ***SITUATION REPORTING...***

- ✓ Information gathered from a variety of sources that, when communicated to managers and decision makers, can **form the basis for incident management decision making**
- ✓ Share standardized information sets across disparate systems to help **understand the current situation, the operational picture, and current response and resources**
- ✓ Support **all hazards**; **Any scale** (local, day to day and Disaster)
- ✓ Information sharing between **local, regional, state and national** organizations, up and down the chain and laterally
- ✓ Help **manage incidents and ease transition of teams** as incidents escalate and de-escalate
- ✓ Standard **communication of changing command** structures
- ✓ Consume, present and use information in your **native system or software product**
- ✓ Enable creation or population of **ICS** or other Incident Management forms

## Primary Existing ICS Forms Supported

ICS-201 - "Incident Briefing"

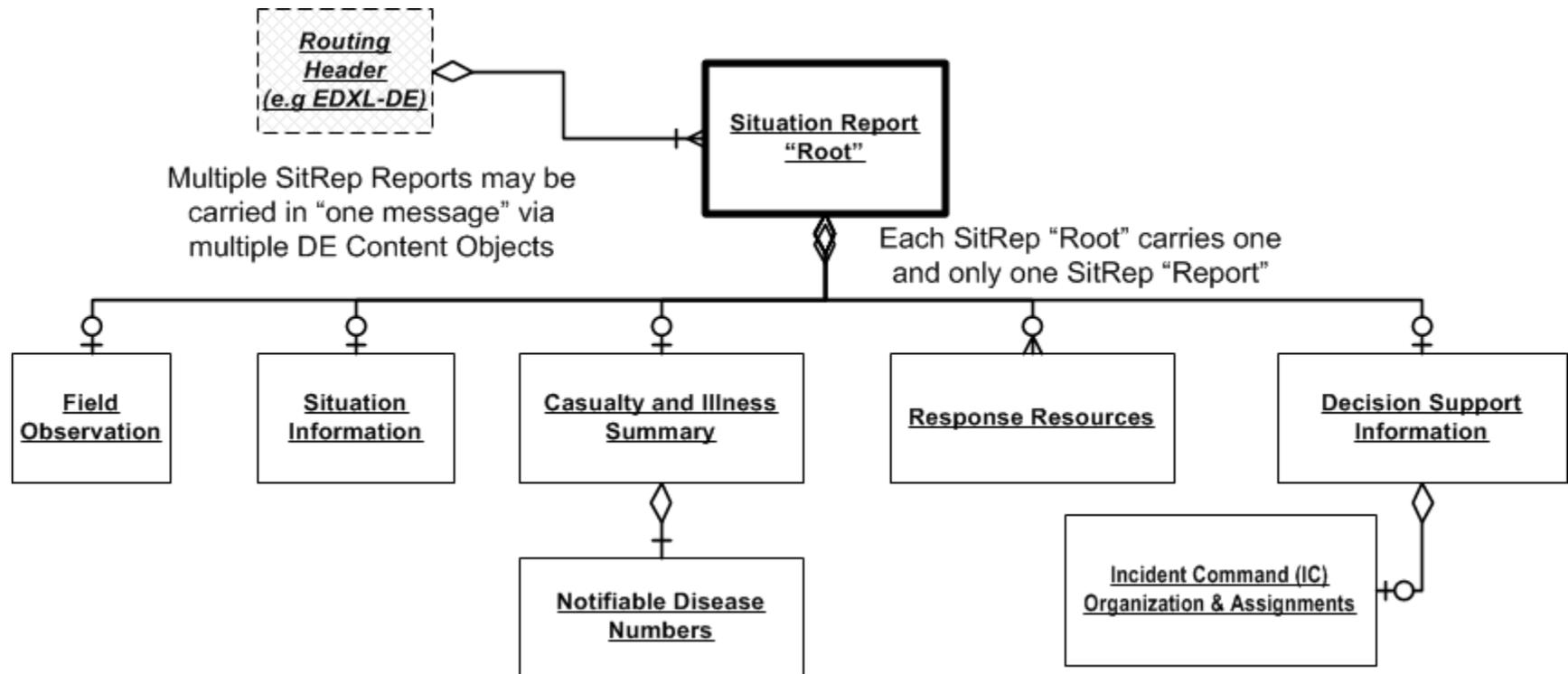
ICS-203 – "Organizational Assignment List"

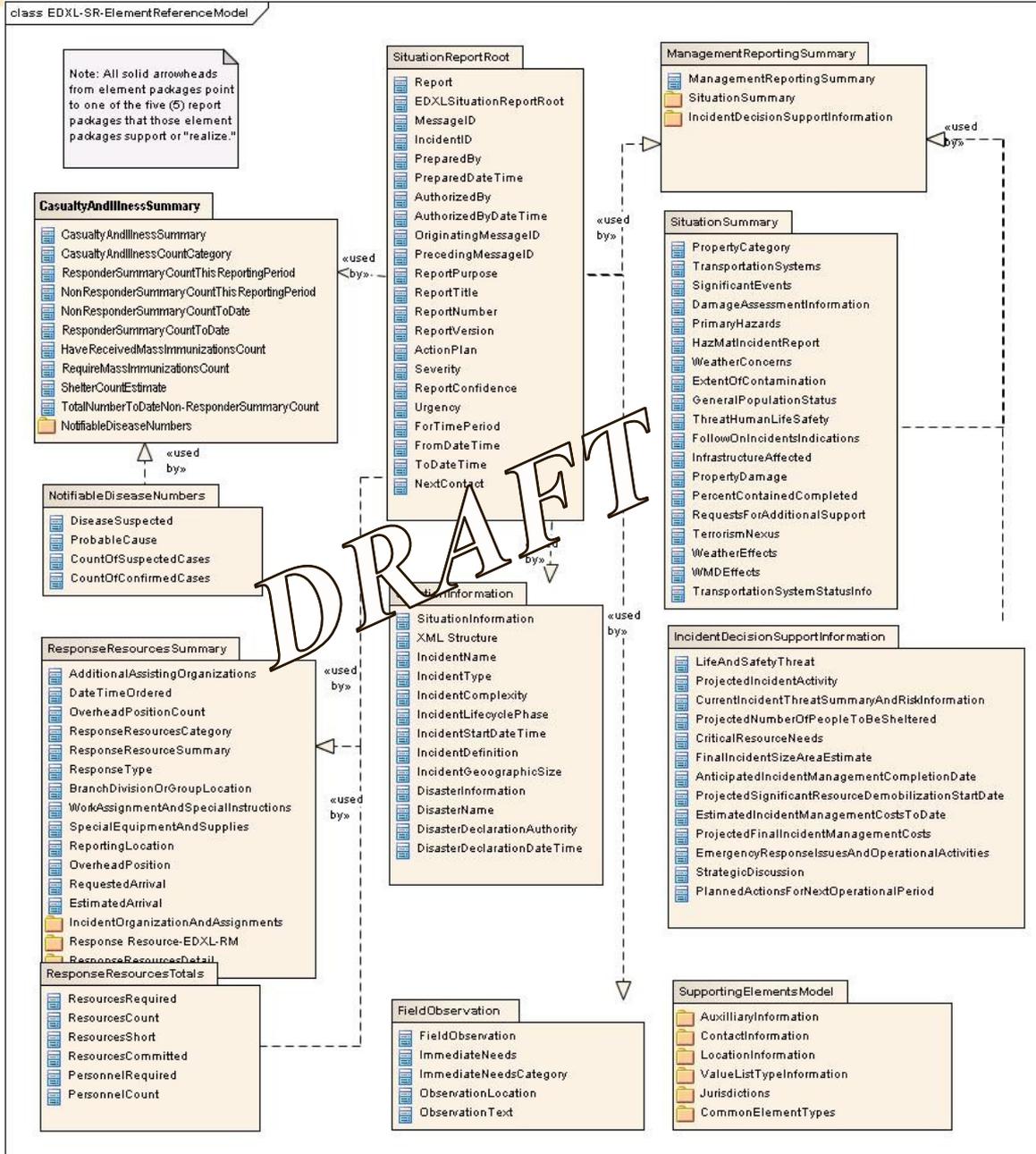
(with "incident map", sometimes replaces ICS-201)

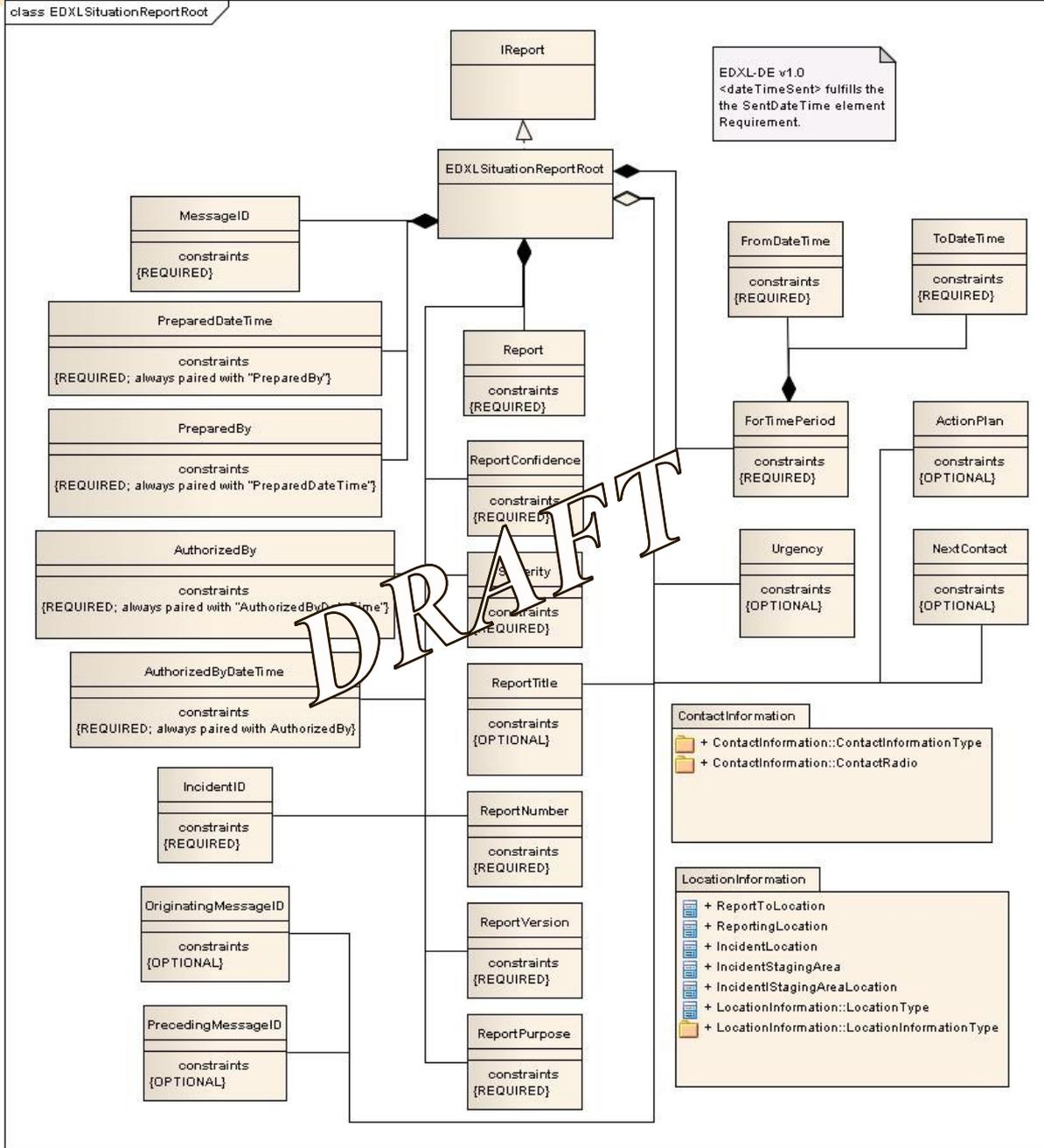
ICS-207 – "Incident Organizational Chart"

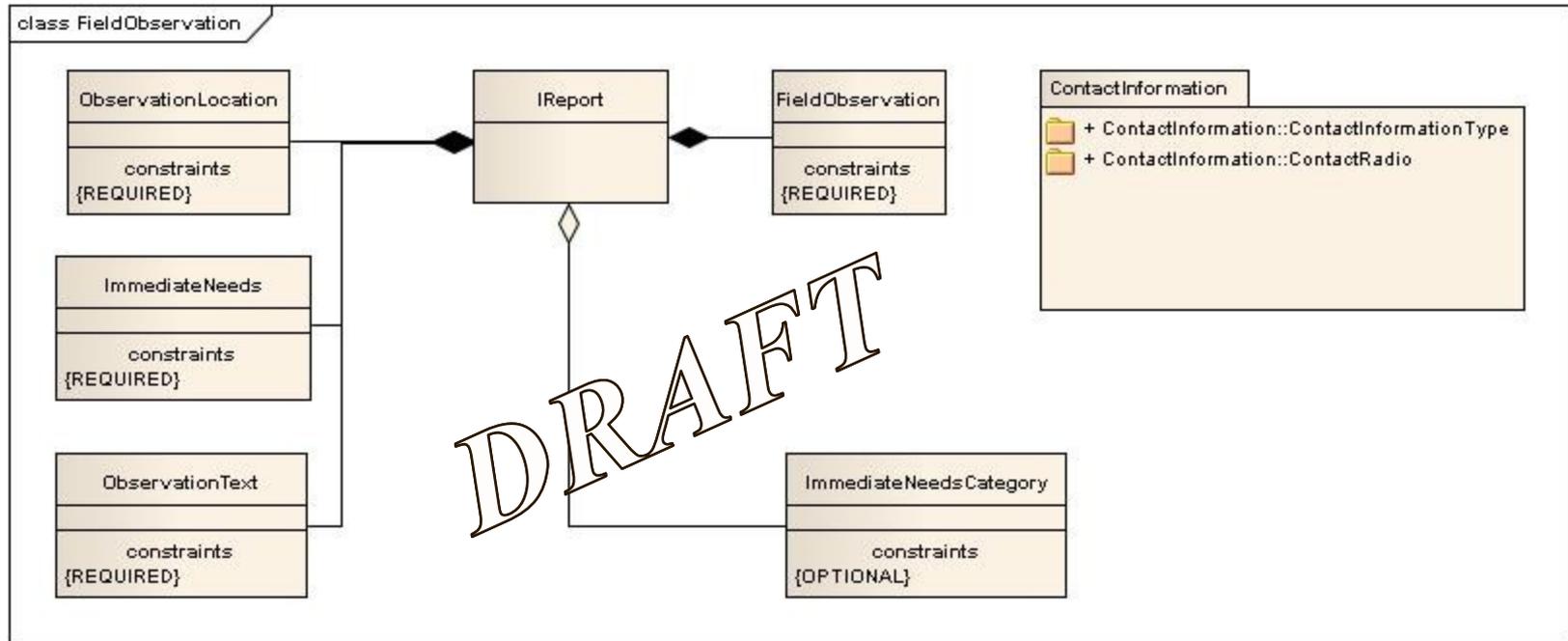
ICS-209 - "Incident Status Summary Report"

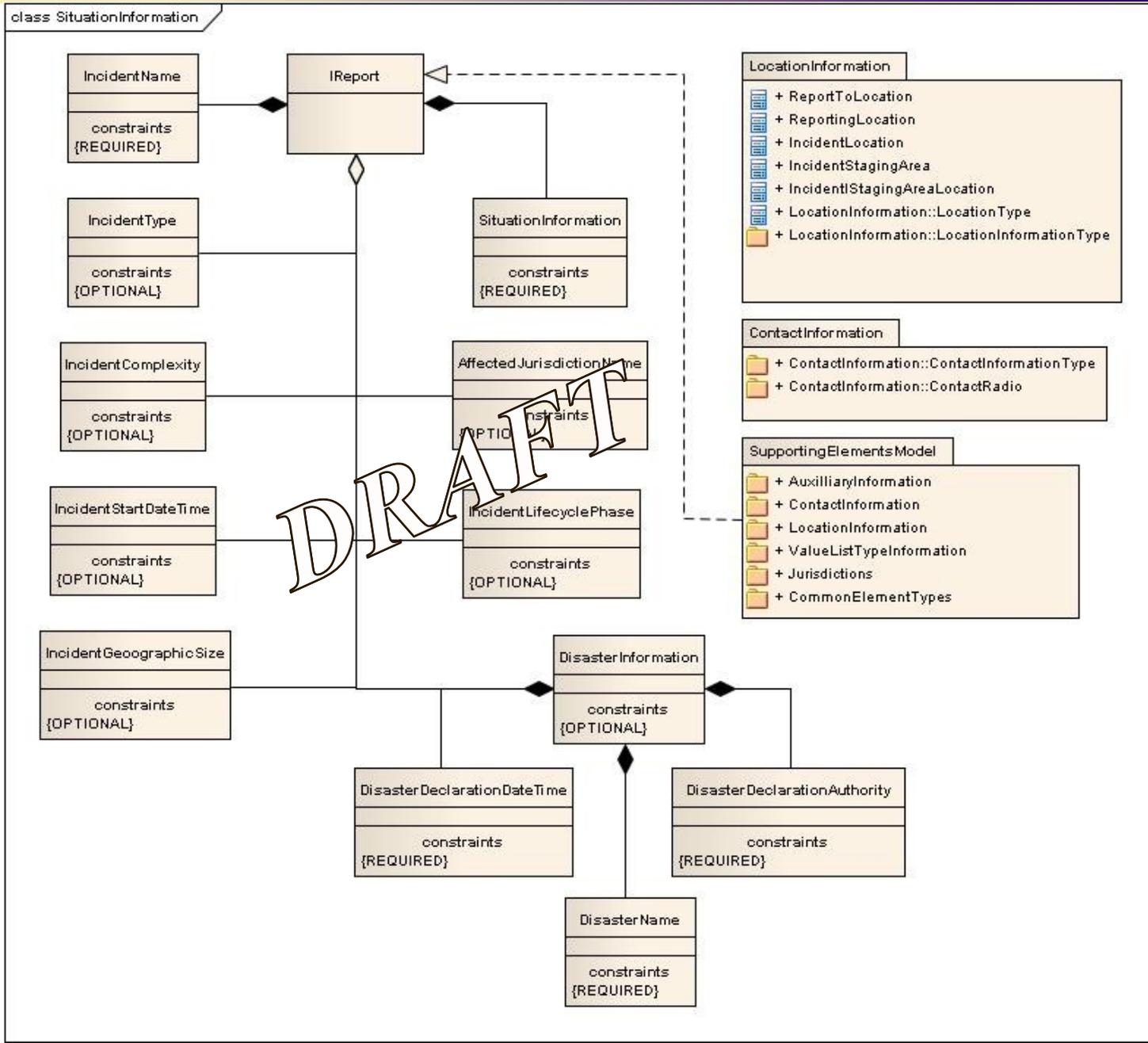
ICS-215 - "Operational Planning Worksheet"



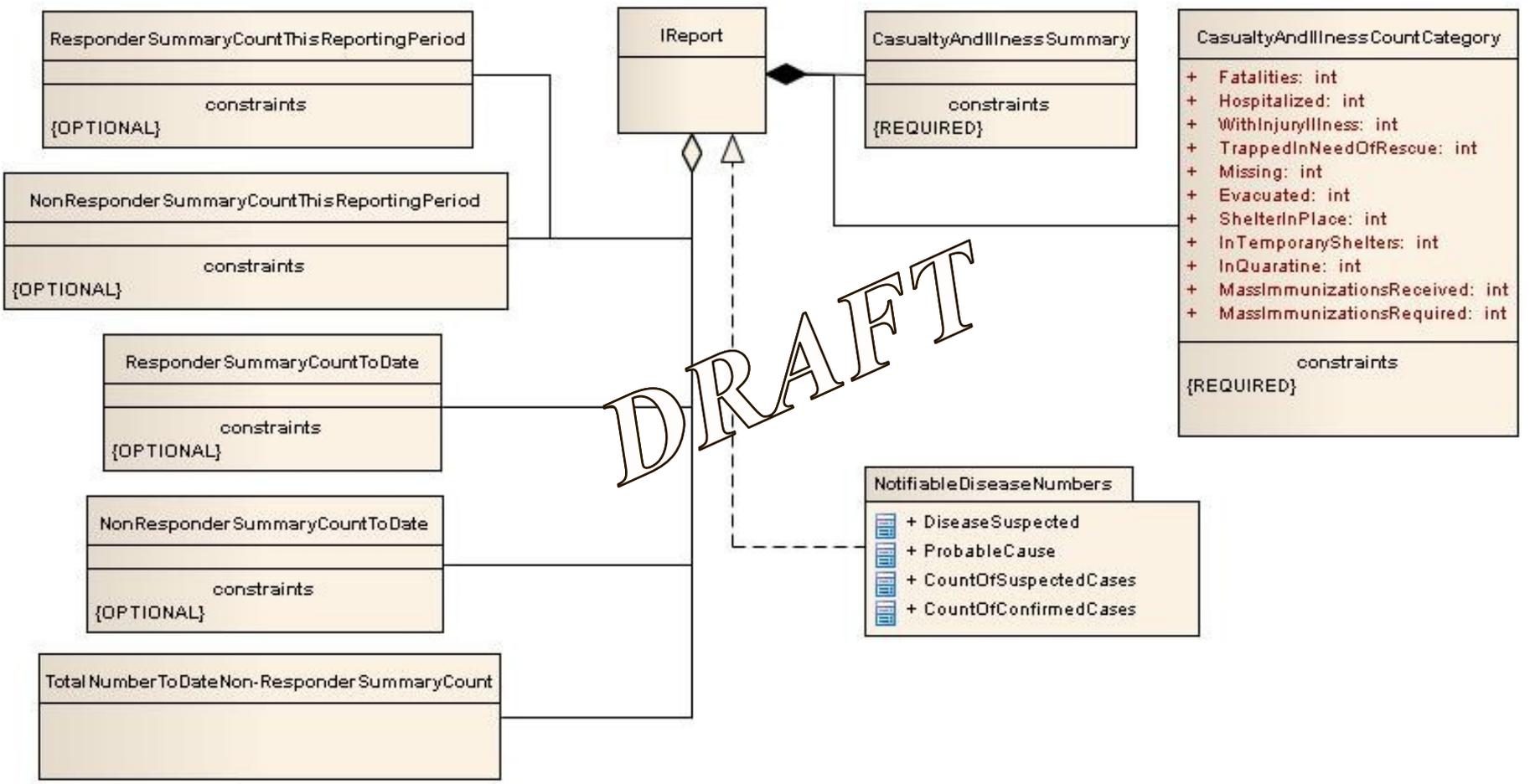




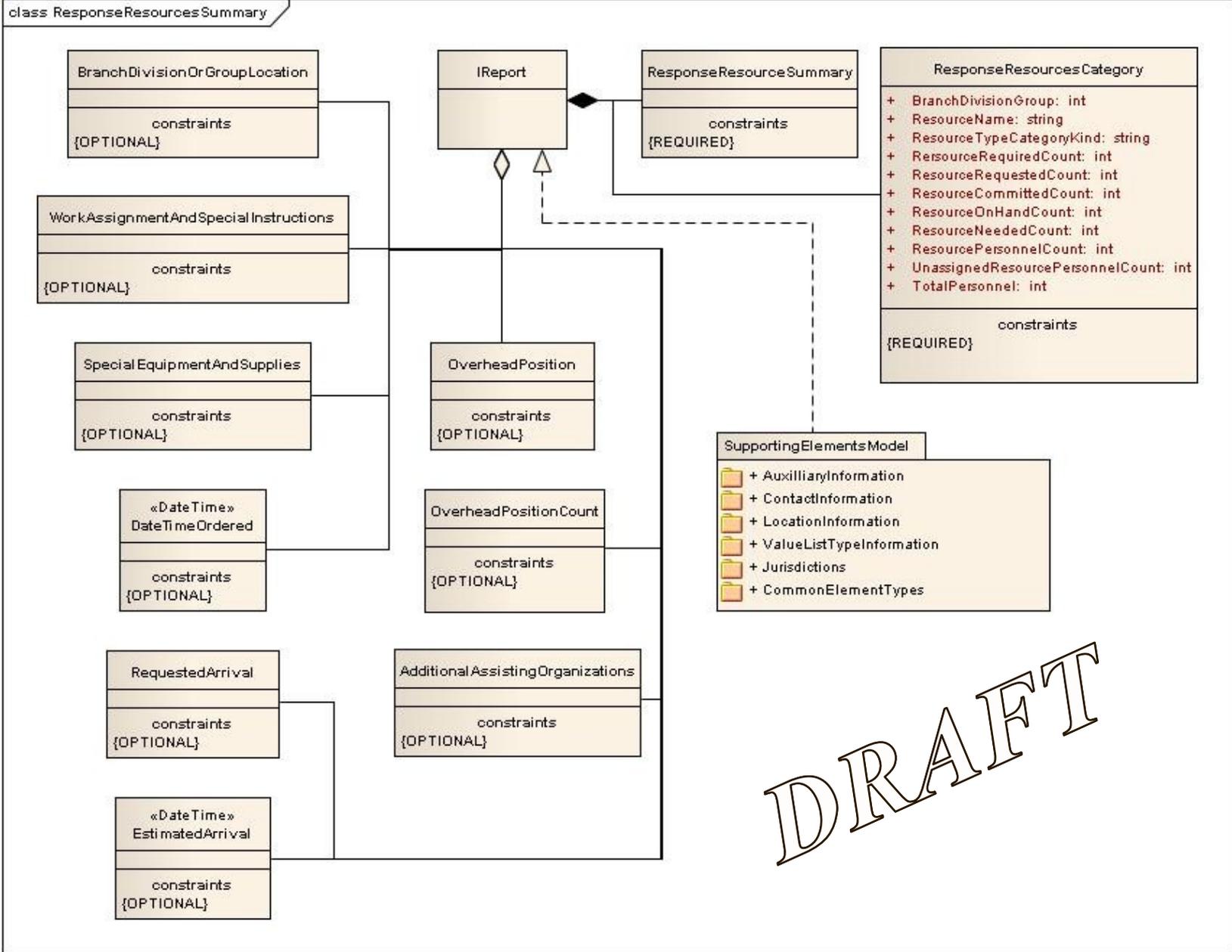


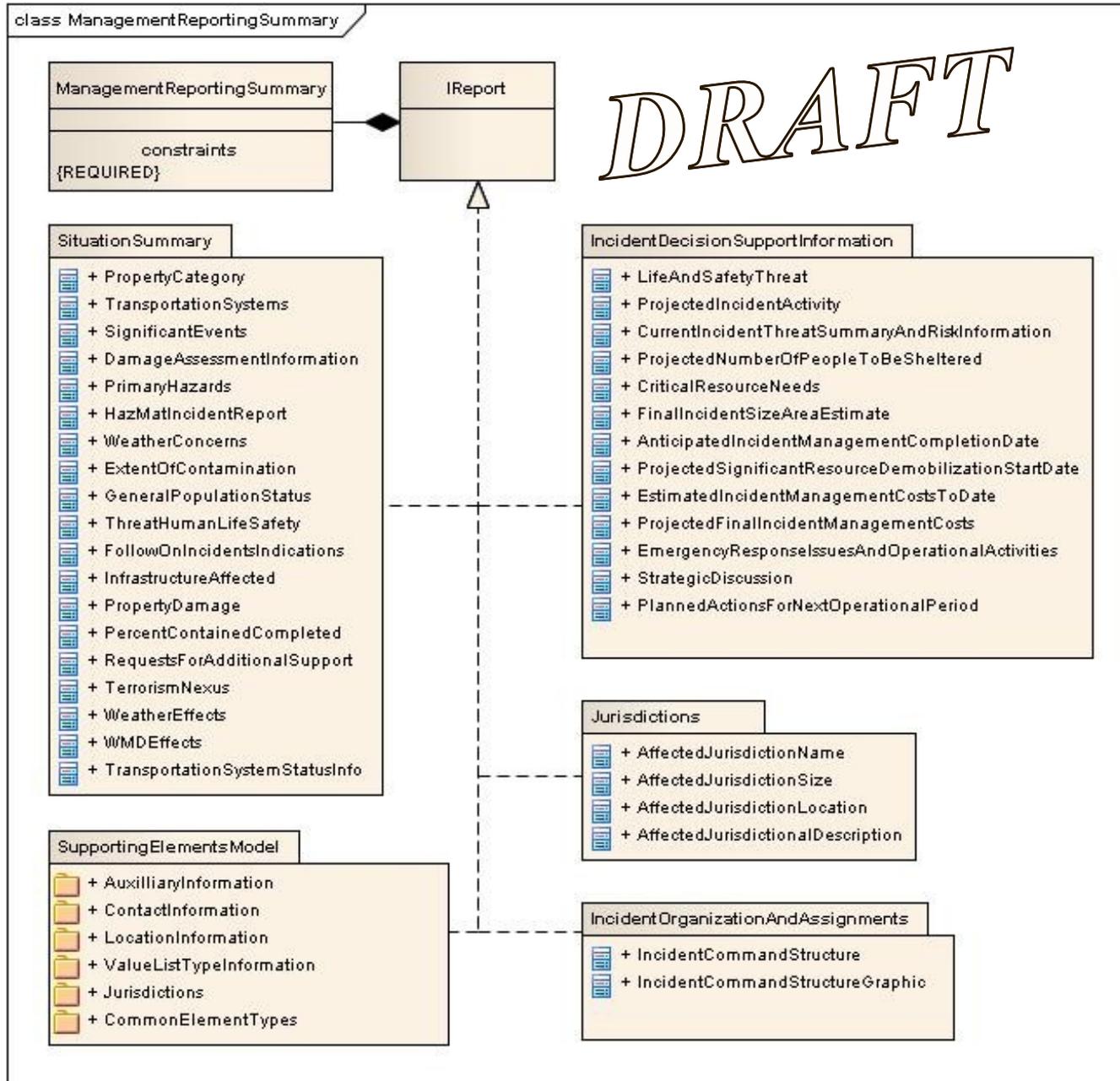


class CasualtyAndIllnessSummary



DRAFT

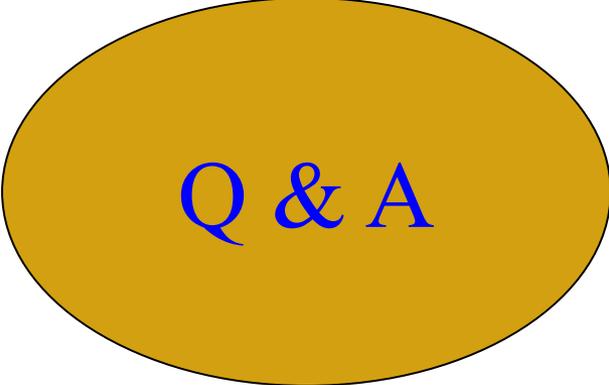




## ***Outstanding Tasks***

- November 2010 Committee Draft – Model, Data dictionary, XML Schema
- Common Components
  - Location
  - Contacts  
(geoOASIS: Where)
- ICS Form Mapping and xslt's
- XML Example

# ***QUESTIONS?***



Q & A