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MINISTRY OF DEFENCE



# GEOSPATIAL STANDARDS FOR UK DEFENCE

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Joint Geospatial Intelligence

Defence Intelligence: Intelligence Capability  
Strategy and Policy

ISO TC211 24 May 2010

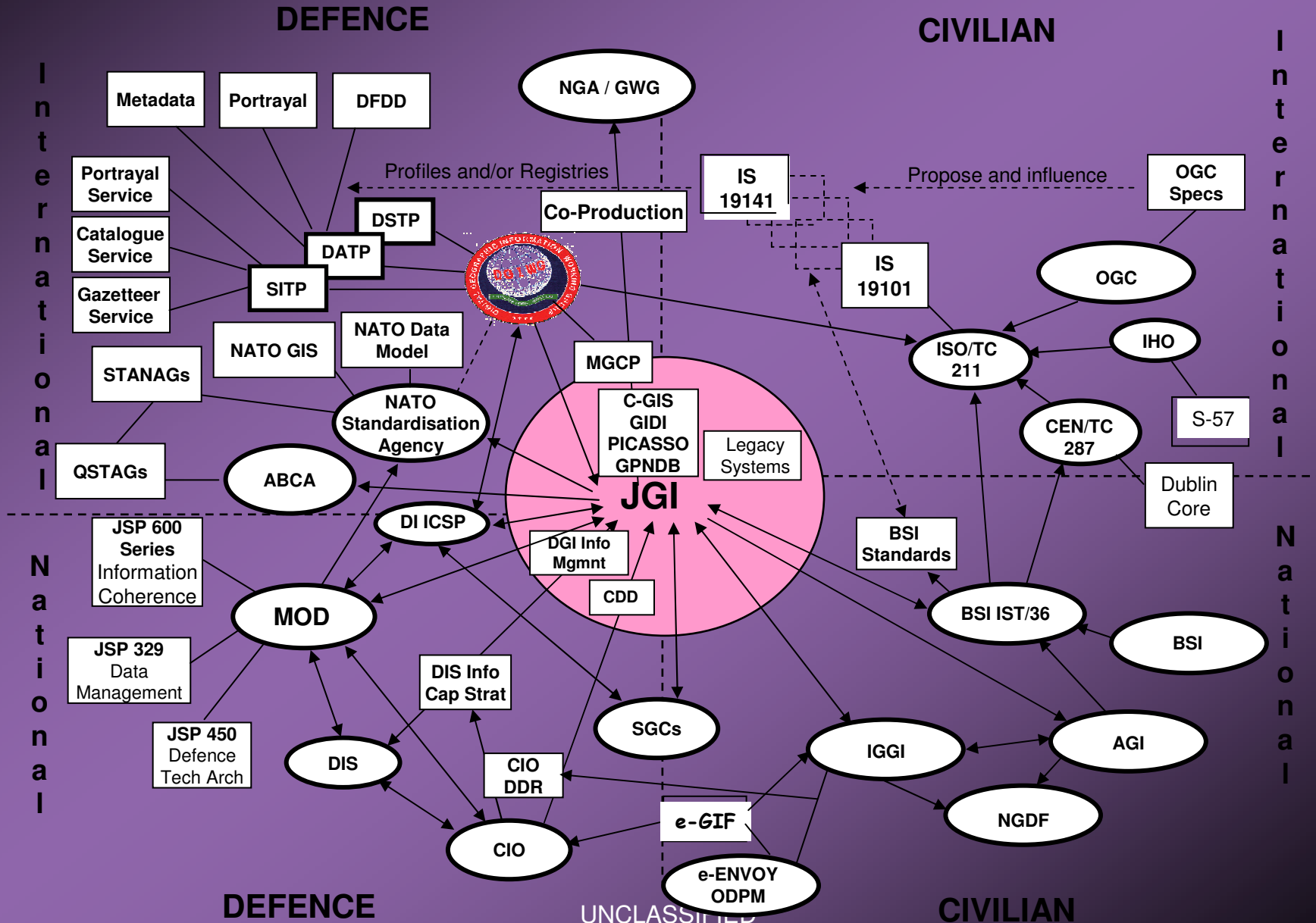
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DI-ICSP: Joint Geospatial Information

## Why does defence need geospatial standards?

- **Geospatial standards are critical to defence effectiveness**
  - Interoperability – data sharing
  - Effective delivery – to preserve integrity of data
  - Timely delivery – some ops may be time dependant
  - Through-life cost – bespoke systems may be unsustainable
- **Driven by policy – JSP 465 / DEFSTAN 00-102**

# Influences on Defence Standards Effort



## Who develops these standards for defence?

- **International**
  - IGeoWG: Interservice Geospatial Working Group under NATO Standardisation Agency. [www.nsa.nato.int](http://www.nsa.nato.int)
  - DGIWG: Defence Geospatial Information Working Group [www.dgiwg.org](http://www.dgiwg.org)
- **National**
  - GSSG: Geospatial Standards Steering Group

## Other important associations

- **GWG: GeoInt Standards Working Group**
- **ABCA: Coalition Armies Standardisation Prog.**
- **W3C: World Wide Web Consortium**
- **ICAO: International Civil Aviation Organisation**
- **WMO: World Meteorological Organisation**
- **IHO: International Hydrographic Organisation**
- **DSTAN: UK Defence Standards**
- **UN: United Nations**

## National projects

- **INSPIRE and MOD**
- **Common Symbology Project**
- **GSSG Technical Working Groups:**
  - **Metadata**
  - **Web Services**

## Some current work

- **International**
  - Military Geographic Information and Documentation (MGID)
  - Multinational Geospatial Co-Production Programme (MGCP)
  - Portrayal
  - Features and attributes
  - Metadata
  - NATO CoreGIS
  
- **National**
  - JSP 465 –Geospatial Information Policy for UK Defence

## Summary

- Defence geospatial standards have to be inward and outward looking – from defence specific, through national, international and civilian standards best practice – in order to serve UK defence at home and abroad, now and into the future, at minimum cost to the taxpayer.
- Thank you