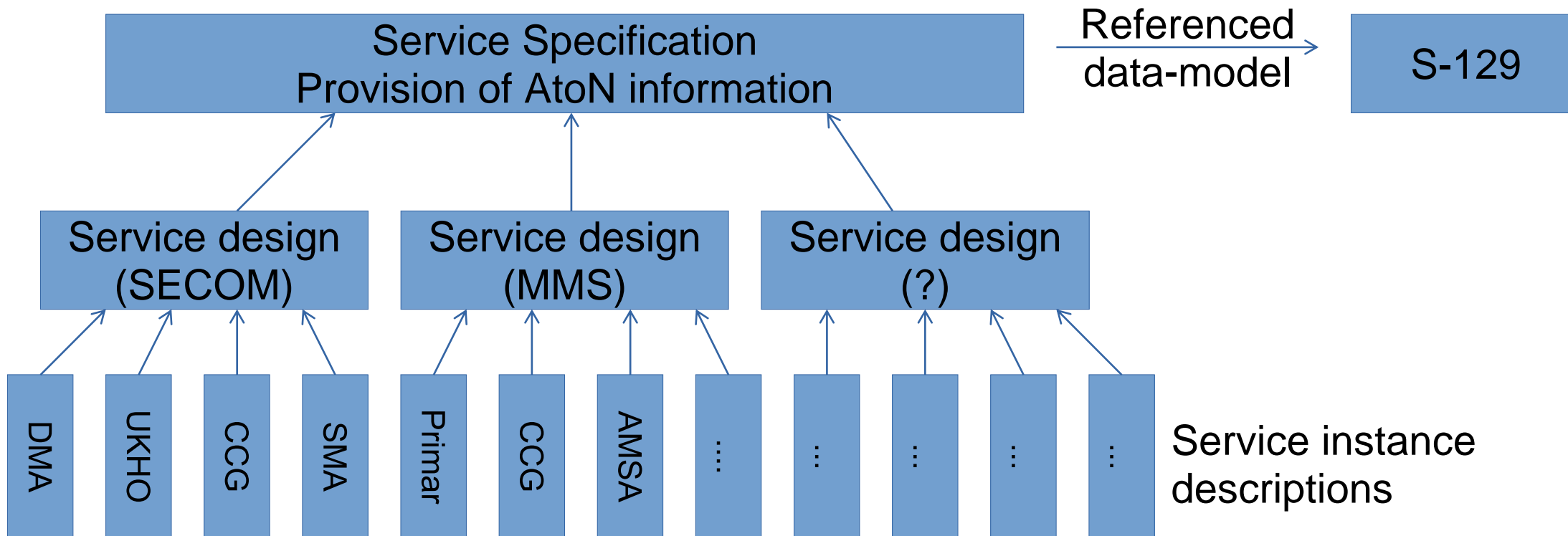


Exchange of S-100 data

IALA Guideline 1128 'Specification of E-navigation technical services'

G112
8

S-
100



Service designs

IMO is adopting changes to ECDIS in order to facilitate route exchange (S-421)

The technical method suggested is SECOM (IEC standard)

SECOM is data-agnostic and can thus carry any S-100 data

Service specifications are being developed for

 Navigational Warnings, S-124 (IHO, S-124PT)

 AtoN information, S-125 & S-201 (IALA ARM / IHO
NIPWG)

 VTS services, S-212 (IALA VTS)
 Initially traffic clearance service

 Route exchange, S-421 (IALA VTS + ?)

Initial service design uses SECOM

A service specification for
UKC?

The Open Digital Incubator initiative

The Open Digital Incubator initiative:

Implement early / draft version of the service
specifications

Provide feedback to the standardisation process

Scope

All the aforementioned services

Focus on SECOM implementation

Some open source (SECOM library)

And UKC?

Status

AtoN service running

Simple web-client

3 NW services running

To be tested on various platforms

Traffic clearance service being
implemented

Some of the involved parties

