

## BlueBRIDGE External Advisory Board (EAB) - FIRMS

**Joint meeting of BlueBRIDGE Technical Working Group (TWG3) and FIRMS TWG6  
on the Global Record of Stocks and Fisheries (GRSF)**

**Rome, Italy, 7 to 9 February 2018**

### GRSF Definitions

**Assessment area:** The conventional stock assessment/monitoring area

**Assessment method:** Name of method/model used for the stock assessment

**Assessor:** The scientist, institution or agency conducting the stock assessment

**Data owner:** Legal owner of the data and information reported

**Data provider:** An organisation that produces data or metadata

**Database source:** The database from which the data and information was imported in GRSF (i.e. RAM, FishSource and/or FIRMS)

**Distribution area:** Distribution area of the marine resource

**Exploited stock(s):** The stock(s) exploited by a given fishery

**Exploiting fishery(ies):** Fishery(ies) exploiting a given stock

**Fishery type > Fishery description:** Any other fishery that does not fall within the “fishing activity” definition

**Fishery type > Fishing activity:** is a fishery characterized by: one target species, fishery area(s), management entity(ies) with associated jurisdiction area(s), one gear type, and one flag state.”

**Fishing unit:** A fishing unit is a particular type of fishing activity, conducted by a single flag country using a single fishing gear, upon a single assessment unit of a single species, under a defined jurisdiction, managed by a single entity or treaty as a single management unit.

**Fishery:** A Fishery is an activity leading to the harvesting of fish, within the boundaries of a defined area and possibly under a specific management. “Fishery” in GRSF is intended as a broad category comprising fishing activities and fishery description.

**Fishing area:** Area in which a fishery operates

**GRSF Knowledge base:** a semantic warehouse storing information on stocks and fisheries, harvested from multiple heterogeneous databases. The GRSF KB is developed with the use of semantic web technologies and it is based on the Marine top level ontology (MarineTLO).

**GRSF Name:** Name built substituting the standard/local codes of the Semantic ID with the standard/local labels

**GRSF Semantic Identifier:** Identifier assigned to single stocks and fisheries, constituted of the concatenation of standard or local codes according to an established GRSF convention

**GRSF UUID:** Alpha-numerical Universally Unique Identifier, assigned to the single stocks or fisheries

**GRSF VRE:** The GRSF is made available to users through the iMarine e-infrastructure in a dedicated VRE (Virtual Research Environment)

**Jurisdiction area:** Area within which a management entity exerts its mandate

**Management Body/Authority(ies):** Entity holding management mandate for a given fishery

**Production system type (Artisanal, Commercial, Exploratory fishery, Industrial, Recreational, Semi-industrial, Subsistence):** No commonly accepted definition exists. For the time being, GRSF will import values as specified in the database sources

**Reference year:** The last year considered in the stock assessment and/or fishery status

**Reporting year:** The publication year of the main source of the information

**Short name:** Fishery/Stock name assigned according to the FIRMS naming convention

**Source of Information:** Full citation of the documentation used to extract the data and information reported in the database sources, including URL pointing to document PDF/HTML (when available)

**Stock:** “Stock” in GRSF is intended as a broad category comprising assessment units and resources (see definitions below)

**Stock type > Assessment unit:** The subset of one (or more) species that is the object of a stock assessment and/or any other analysis aiming to investigate stock status. The assessment unit can coincide with the biological stock (ideally) or not. In some cases the biological stock boundaries are not known and assessment units are established on the basis of practical/political convenience. Being the focus of an assessment, assessment units implicitly inform on the very likely existence of at least some management measures.

**Stock type > Resource:** Marine resource not identified as an assessment unit