



FIRMS Steering Committee meeting
Third Session
Madrid, Spain, 13 - 15 February 2006
FIRMS Information Management Policy (IMP):
Reference Terms Proposed Standards
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Preamble for FSC3

on the substance: the list of reference terms included in this document reflects the current set of terms used throughout the various topics of the Marine Resource fact sheet in order to index each report (or observation) in FIRMS. These terms are dynamically extracted from the FIGIS reference table management system, are presented in the fact sheets within the topic they logically refer to, and can be used through the query panel for retrieving list of stocks.

on the status and revision history: this document has been presented as background document to TWG1 which used it during its discussions on the Body content of a fact sheet (paragraph 10e, and 11 of TWG1 report). Since then, this document has been slightly edited (yellow background) taking into account TWG1 contributions.

- *The most sensitive item is about the Status of Exploitation. FAO definitions were added.*
- *A general comment made by TWG1 is that definitions should be added together with the terms, and that terms should be translated.*
- *FSC should decide on a process for consolidating this list as a FIRMS approved standard*

List of Reference terms

They are dynamically extracted from the Reference Table Management System (RTMS).

- Climatic Zone
 - Polar
 - Temperate
 - Tropical

- Bottom Type
 - Seagrass
 - Coral reef
 - Soft bottom
 - Soft bottom with pebbles
 - Soft bottom with gravel
 - Soft bottom, gravel-sandy
 - Soft bottom, clean sand
 - Soft bottom, muddy or muddy-sand
 - Soft bottom with some turbidity
 - Hard bottom
 - Rocky
 - Hard bottom with clear water

- Depth Zone
 - Littoral
 - Littoral - Estuaries Lagoons mangrove, brackishwater
 - Littoral – Intertidal
 - Littoral - Close to the shore, littoral (0 m - 20 m)
 - Littoral - Shallow waters, inshore waters (0 m - 50 m)
 - Neritic
 - Neritic – Shelf
 - Neritic - Shelf - Upper shelf (up to 100 m)
 - Neritic - Shelf - Deep shelf (100 m - 200 m)
 - Neritic - Edge of shelf
 - Neritic - Midwater offshore
 - Oceanic
 - Oceanic - Upper slope (200 m - 500 m)
 - Oceanic - Deep slope (500 m -1000 m)
 - Oceanic - Deep-sea
 - Oceanic - Abyssal plain
 - Oceanic - Surface water offshore (high sea)

- Environmental group
 - Demersal
 - Demersal fish
 - Demersal invertebrate
 - Pelagic
 - Pelagic fish
 - Pelagic invertebrate

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- Spatial scale
 - Global
 - Regional
 - Sub-Regional
 - National
 - Local

 - Jurisdictional distribution
 - Not Applicable
 - Shared
 - Shared – Transboundary
 - Shared - Straddling out
 - Demersal - Straddling out
 - Pelagic - Straddling out
 - Shared - Highly migratory
 - Highly migratory Trans-oceanic
 - Highly migratory – Straddling
 - Shared - High seas
 - High Seas - Straddling in
 - Purely High Seas

 - Status of exploitation
 - Condition of equilibrium
 - Depleted Catches are well below historical levels, irrespective of the amount of fishing effort exerted (FAO).
 - Fully exploited The fishery is operating at or close to an optimal yield level, with no expected room for further expansion (FAO).
 - Recovering Catches are again increasing after having been depleted or a collapse from a previous high (FAO).
 - Moderately exploited Exploited with a low level of fishing effort. Believed to have some limited potential for expansion in total production (FAO).
 - No specific assessment
 - Over exploited The fishery is being exploited at above a level which is believed to be sustainable in the long term, with no potential room for further expansion and a higher risk of stock depletion/collapse (FAO).
 - Uncertain Not much information is available to make a judgment (FAO); or result of the assessment gave uncertain information about the state of the stock (FIRMS suggestion).
 - Under exploited Undeveloped or new fishery. Believed to have a significant potential for expansion in total production (FAO).
 - Unexploited Virgin status of a marine resource (FIRMS suggestion).

- Assessment method (class)
 - Direct
 - Indirect

if non applicable, no term is used

- Assessment indicator
 - Biomass
 - Recruitment
 - Exploitation rate
 - MSY
 - SSB
 - Fish mortality
 - Natural mortality
 - Mean size
 - Average weight