

ISAF XRR v1.3.1 Technical Specification

Schema sailingXRR_v1.3.1.xsd

This schema specifies an XML-based format for reporting sailing regatta information.

The future expansion of XRR may include formats for transferring all regatta related data between computers. Including regatta results, scoring, schedules, sailor information, course information, boat information, boat tracking, weather, official documents, protests and protest results.

This edition, 1.3.1, contains information to report regatta results. It is a minor extension and enhancement to version 1.3.

New features include: addition of "Other" element to add information that is not yet part of the defined schema; standardisation of date and time fields into XML standard dateTime; validation of several ISAF related codes such as Country, Classification Type, Scoring Codes.

complexType

Boat | Crew | Division | Event | EventRef | Extra | Person | Race | RaceResult | RegattaResults | RegattaSeriesResult | SeriesResult | TRResult | Team

element

SailingXRR

include

simpleType

CrewPosition | DivisionType | EventGender | EventType | PersonGender | PortStarboard

Include

No documentation

SimpleType CrewPosition

The position applied to a crew member on board a vessel

- Enumeration S :

Skipper, person in charge (see RRS 46)

- Enumeration C :

Crew, other members of the sailing team

SimpleType EventType

Describes the event type

- Enumeration Regatta :

Information on an individual regatta

- Enumeration RegattaSeries :

Information on a series of linked regattas

SimpleType DivisionType

Format used for the races in a Divison

- Enumeration FleetRace :

Fleet Racing (what most of sailing is)

- Enumeration *TeamRace* :

Team Racing (see RRS Appendix D)

- Enumeration *MatchRace* :

Match Racing (see RRS Appendix C)

SimpleType PortStarboard

Used for match race entries and mark rounding sides (at a minimum) or tack

- Enumeration *Port* :

"left" in layman terms

- Enumeration *Starboard* :

"right" in layman terms

SimpleType PersonGender

- Enumeration *Male* : *Male*

- Enumeration *Female* : *Female*

- Enumeration *M* : *Male - deprecated*

- Enumeration *F* : *Female - deprecated*

SimpleType EventGender

- Enumeration *Men* : *Men*

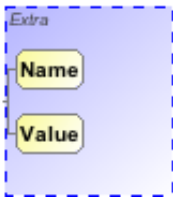
- Enumeration *Women* : *Women*

- Enumeration *Open* : *Open*

- Enumeration *Mixed* : *Mixed*

ComplexType Extra

Defines a supplemental name/value attribute. This can be used to add additional information to elements that are not specifically defined



Attributes

Attribute	Type	Documentation
Name	xsd:string	a name for the name/value pair
Value	xsd:string	a value for the name/value pair

ComplexType Person

Defines covering information about a person



Elements

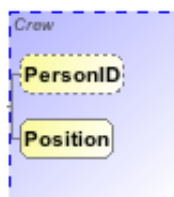
Element	Type	Documentation
Other	Extra	<i>name/value information for additional unstructured information</i>

Attributes

Attribute	Type	Documentation
PersonID	xsd:string	<i>document-internal identifier for this person</i>
IFPersonID	xsd:string	<i>persistent identifier for the person, usually the ISAF SailorID (see IFSource)</i>
FamilyName	xsd:string	<i>Family (Last) name of the person</i>
GivenName	xsd:string	<i>Given (first, familiar) name of the person</i>
NOC	IFNationCode	<i>Person's country identity</i>
Gender	PersonGender	<i>Person's gender</i>
ClassificationGroup	IFCfcnGroup	<i>Person's classification group (see ISAF Classification Code)</i>
ClassificationStatus	IFCfcnStatus	<i>the status of the person's classification group</i>
ClassificationExpiry	xsd:date	<i>date on which the classification group expires</i>
ContactPhone	xsd:string	<i>contact phone for the person.</i>
ContactEmail	xsd:string	<i>contact email address for the person</i>

ComplexType Crew

Boat crew (combines person with the CrewPosition enumeration)



Attributes

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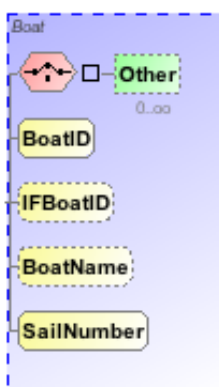
Attribute	Type	Documentation
PersonID	xsd:string	<i>Reference to a person element defined elsewhere in the document</i>
Position	CrewPosition	<i>the person's role on the crew</i>

ComplexType Boat

Defines a boat as in the hull, sails etc (not the racing rules concept of a boat)

This type may be extended significantly in the future to accomodate ratings, measurement information.

For now it is specified only as needed to support the current XRR needs



Elements

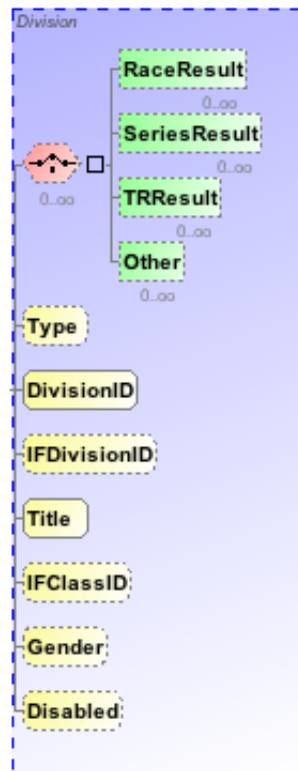
Element	Type	Documentation
Other	Extra	<i>name/value information for additional unstructured information</i>

Attributes

Attribute	Type	Documentation
BoatID	xsd:string	<i>document-internal identifier for this boat</i>
IFBoatID	xsd:string	<i>persistent identifier for the boat (not yet supported by ISAF)</i>
BoatName	xsd:string	<i>Name of the boat</i>
SailNumber	xsd:string	<i>the sail number (a free formatted string to include country code, numbers, whatever)</i>

ComplexType Division

Grouping of a set of teams into scoring/racing groups. Including their individual race results and points.



Elements

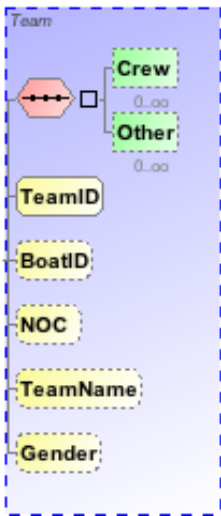
Element	Type	Documentation
RaceResult	RaceResult	<i>result entries at the various marks around the course, depending on the "Mark" attribute: Mark="Start" indicates a starting result and should be used to list the boats starting in a race Mark="Finish" indicates the results at the finishing mark and therefore the boat's race finish Mark set to names of other marks indicate a rounding result at that mark</i>
SeriesResult	SeriesResult	<i>A result representing overall series points</i>
TRResult	TRResult	<i>Team racing only: contains the team score for a race.</i>
Other	Extra	<i>name/value information for additional unstructured information</i>

Attributes

Attribute	Type	Documentation
Type	DivisionType	Type of racing for this division (fleet, match or team racing)
DivisionID	xsd:string	document-internal identifier for this division
IFDivisionID	xsd:string	persistent identifier for this division
Title	xsd:string	name of the division
IFClassID	IFClassCode	persistent identifier for the boat class (or equipment) for this division
Gender	EventGender	gender restrictions on entries
Disabled	xsd:boolean	true if entrants are restricted to disabled sailors

ComplexType Team

No documentation



Elements

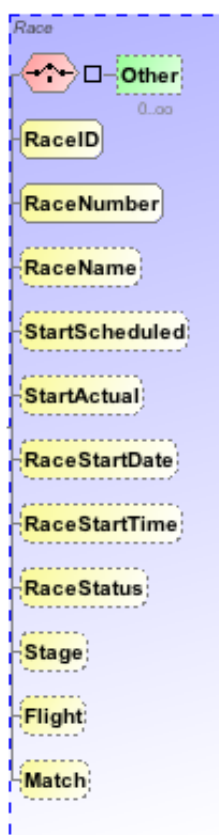
Element	Type	Documentation
Crew	Crew	Crew members that make up the team
Other	Extra	name/value information for additional unstructured information

Attributes

Attribute	Type	Documentation
TeamID	xsd:string	<i>internal unique id for the team</i>
BoatID	xsd:string	<i>The internal unique ID for the Boat</i>
NOC	IFNationCode	<i>The IOC national code of the Team</i>
TeamName	xsd:string	<i>Team name</i>
Gender	EventGender	<i>Gender of team</i>

ComplexType Race

info about a single race (one start) within a regatta



Elements

Element	Type	Documentation
Other	Extra	<i>name/value information for additional unstructured information</i>

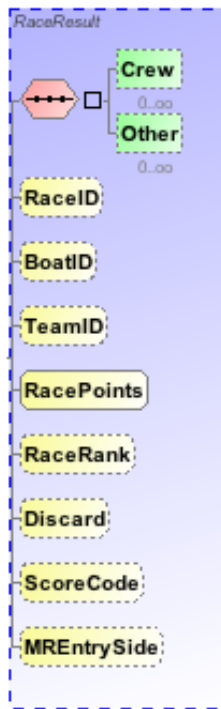
Attributes

Attribute	Type	Documentation
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RaceID	xsd:string	<i>internal id for the race</i>
RaceNumber	xsd:integer	<i>race number, its order in the series</i>
RaceName	xsd:string	<i>A name to apply to the Race (if one is present)</i>
StartScheduled	xsd:dateTime	<i>Date/time on which race is to scheduled to be started</i>
StartActual	xsd:dateTime	<i>Date/time on which race was started</i>
RaceStartDate	xsd:string	<i>DEPRECATED, use StartActual instead. Date on which race is to be started</i>
RaceStartTime	xsd:string	<i>DEPRECATED, use StartActual instead. Time on which race is to be started</i>
RaceStatus	IFRaceStatus	<i>Status of the race</i>
Stage	xsd:string	<i>DEPRECATED! Name of the stage for this race Future releases will have define Stage type and this stage name will be replaced with StageID</i>
Flight	xsd:string	<i>For match racing only, the flight number/name of this race</i>
Match	xsd:string	<i>For match racing only, the match number/name for this race</i>

ComplexType RaceResult

Information that applies to results of a race - either mark rounding or finish



Elements

Element	Type	Documentation
Crew	Crew	<i>No documentation</i>
Other	Extra	<i>name/value information for additional unstructured information</i>

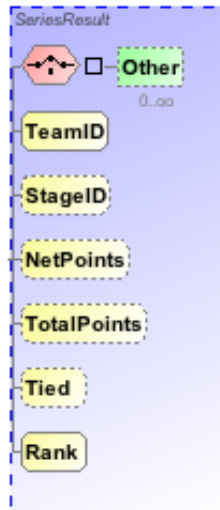
Attributes

Attribute	Type	Documentation
RaceID	xsd:string	<i>internal id of race for this result</i>
BoatID	xsd:string	<i>internal id of boat for this result (either boatID or teamID must occur)</i>
TeamID	xsd:string	<i>internal id of team for this result (either boatID or teamID must occur)</i>
RacePoints	xsd:decimal	<i>the boat's score in the race</i>
RaceRank	xsd:positiveInteger	<i>raw order rank of the boat/team at this mark/finish</i>
Discard	xsd:boolean	<i>whether or not this race is discarded in the team's series calculations</i>
ScoreCode	IFBoatStatus	<i>finishes only: : Scoring code (penalties for this race)</i>

MREntrySide	PortStarboard	for match racing, "Start" results, specifies the entering side for the boat/team in the race
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ComplexType SeriesResult

No documentation



Elements

Element	Type	Documentation
Other	Extra	<i>name/value information for additional unstructured information</i>

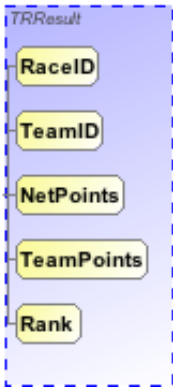
Attributes

Attribute	Type	Documentation
TeamID	xsd:string	<i>team ID of this series result</i>
StageID	xsd:string	<i>HOLD FOR FUTURE: Stage of the series result</i>
NetPoints	xsd:decimal	<i>net points (with discards excluded) for the series</i>
TotalPoints	xsd:decimal	<i>total points (sum of all points, including discards)</i>
Tied	xsd:boolean	<i>true if the team is tied with another team on series standing</i>

Rank	xsd:positiveInteger	<i>rank of the team in the series</i>
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ComplexType TRResult

team racing only contains the summary point information for a team's combined result in a race



Attributes

Attribute	Type	Documentation
RaceID	xsd:string	<i>document internal id of the race</i>
TeamID	xsd:string	<i>document internal id of the team</i>
NetPoints	xsd:decimal	<i>net points for the team in the race (for example if the team got 1,2,5 their net points would be 8)</i>
TeamPoints	xsd:decimal	<i>team points for series scoring - usually 1 (for a win) or 0 for a loss.</i>
Rank	xsd:decimal	<i>team's rank in the team race (for typical team racing involving two teams in each race, this would be either 1 or 2)</i>

ComplexType EventRef

No documentation

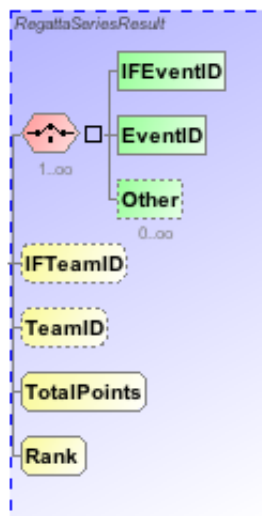


Attributes

Attribute	Type	Documentation
Value	xsd:string	No documentation

ComplexType RegattaSeriesResult

results information for a series that is a combination of results from other events



Elements

Element	Type	Documentation
IFEventID	xsd:string	<i>persistent id of the events contained in this series result. this should be used if the individual event information is not contained in the document</i>
EventID	xsd:string	<i>local id of the events contained in this series result. This should be used if the individual event info is contained in the document</i>
Other	Extra	<i>name/value information for additional unstructured information</i>

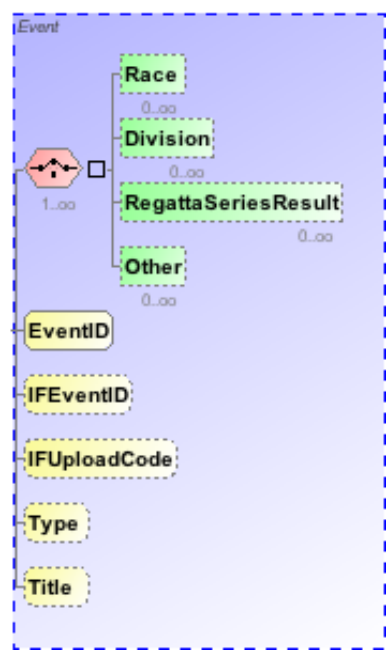
Attributes

Attribute	Type	Documentation
IFTeamID	xsd:string	<i>persistent id of the team</i>

TeamID	xsd:string	<i>persistent id of the team</i>
TotalPoints	xsd:decimal	<i>total points across all events in the series for the team</i>
Rank	xsd:positiveInteger	<i>rank of the team across all events in the series</i>

ComplexType Event

information about a single competition (aka a regatta)



Elements

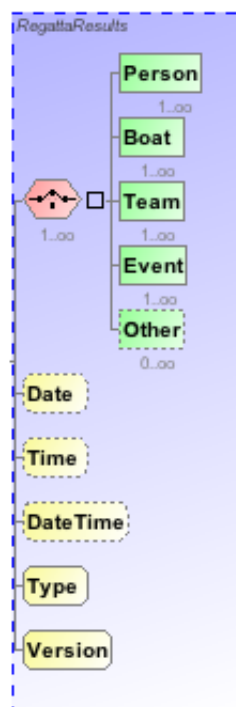
Element	Type	Documentation
Race	Race	<i>information about a race in the event</i>
Division	Division	<i>information about each division in the event</i>
RegattaSeriesResult	RegattaSeriesResult	<i>if the event type is a regattaseries, then this includes these are the teams series results</i>
Other	Extra	<i>name/value information for additional unstructured information</i>

Attributes

Attribute	Type	Documentation
EventID	xsd:string	<i>local document id of the event</i>
IFEventID	xsd:string	<i>persistent id of the event</i>
IFUploadCode	xsd:string	<i>a pass-key allowing automatic persistence of the document content on upload</i>
Type	EventType	<i>type of event, currently only support Regatta or RegattaSeries</i>
Title	xsd:string	<i>descriptive name of the event</i>

ComplexType RegattaResults

the results of a regatta



Elements

Element	Type	Documentation
Person	Person	<i>the persons involved in the event, regardless of their capacity</i>
Boat	Boat	<i>information on the boats competing.</i>
Team	Team	<i>information on a team in the event</i>

Event	Event	<i>the event, races, divisions, and results</i>
Other	Extra	<i>name/value information for additional unstructured information</i>

Attributes

Attribute	Type	Documentation
Date	xsd:string	<i>Date of the report in non-standard format, YYYYMMDD. DEPRECATED! Use 'DateTime' instead.</i>
Time	xsd:string	<i>Time of the report in non-standard format, HHMMSS. DEPRECATED! Use 'DateTime' instead.</i>
DateTime	xsd:dateTime	<i>Time/date of the report as standard xml datetime</i>
Type	xsd:string	<i>Type of result element</i>
Version	xsd:string	<i>XRR version of the document</i>

Element SailingXRR

No documentation

SailingXRR