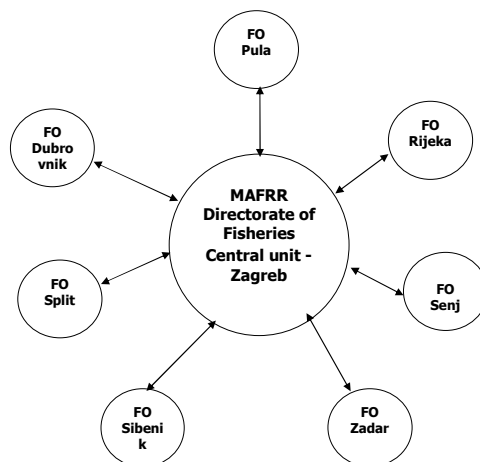


Fishing Information System in Croatia

MINISTRY OF AGRICULTURE, FISHERIES AND RURAL DEVELOPMENT
DIRECTORATE OF FISHERIES

1

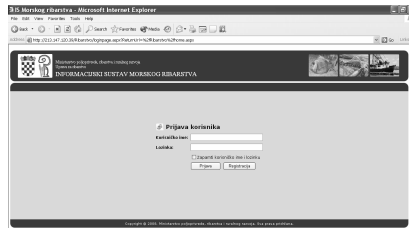
Directorate of Fisheries (Central unit and seven field offices)



2

Fishing Information System

- Web application "Marine Fisheries Information System" (started in 2007.) – Fishing fleet register within
- Internet browser (computer + Internet connection)
- Authorised users
- Security (username/password)



3

Parts of the web application

- Fishing fleet register
 - fishing fleet register
 - vessel owner register
 - fishing licence register
- Logbooks and reports for vessels less than 10 m
- Sales note register
- Catch certificat register
- Update in the real time



4

Fishing fleet register - application characteristics

- Vessels identification (CFR, name, registration port, home port, IRCS, licence indicator)
- Vessel dimensions (length-LOA, GT)
- Vessel equipment (engine power, hull material, VMS)
- Vessel activity type
- Historical event
- Administrative information (date of commissioning...)
- Data related to fishing gear
- Operative port
- Data related to vessel owner

5

Fishing fleet register – fishing licence

- Application for issuing fishing licence to the relevant field office of the Directorate of Fisheries (requested documentation enclosed) - by fishermen
- Measurement of vessel – by Croatian Ship Register and Port Authorities
- Revision of fishing licences (every 3 years)
- Fishing licence is associated to person (physical or legal) and fishing vessel
- 1 fishing licence=1 vessel
- No new fishing licences may be issued in Croatia

6

Fishing fleet register - statistical reports

- Distribution of vessels per county
- Distribution of vessels per type
- Distribution of vessels per type and county
- Distribution of vessels per main fishing gear
- Distribution of vessels per type and length
- Number of vessels per GT, engine power and type
- Electronical equipment table
- Number of vessels

7

Fishing fleet register – fishing licence

- serial number
- data on vessel
- data on fishing licence owner
- data on fishing gear and fishing zones
- data on fishing equipment

REPUBLICA HRVATSKA
MINISTARSTVO POLJOPRIVREDE, ŠUMARSTVA
I VODNOGA GOSPODARSTVA
POVLASTICA ZA GOSPODARSKI RIBOLOV NA MORU

Jurković Dražen
Naziv pravne osobe/ime i prezime fizičke osobe ili naziv obrta

Put Vrutki 7, OPATIJA
Sjedište pravne osobe ili obrta/adresa fizičke osobe

1411966121212
Matični broj pravne osobe ili obrta/MBG fizičke osobe

DUBROVNIK DU-111
Ime i/ili registrirana oznaka plovila

DUBROVNIK
Luka uprta plovila

83 Snaga pogonskog stroja plovila (KW) 15 Tonaža plovila (GT)

10.00 Duljina plovila (m) Poterna sila Poterna sila plovila (KN)

Serijski broj: 4

8

Data collection system

Fishermen are obliged to submit logbooks and catch reports to the field offices of the Directorate of Fisheries (DoF). There are 7 field offices – one in each coastal county of Croatia. Logbooks are filled in 3 copies – one has to stay on board, one is submitted to DoF and one is passed on to the first buyer.

Catch data from commercial fisheries are checked and controlled in the field offices, and then entered via a WEB application directly to a database on the central server. Data are entered per vessel as listed in the Croatian Fishing Fleet Register. Since each licence is linked with a vessel, this also means that data are entered per each license.

The application has automatic control routine that checks for data errors as well as an analytical system that at each given moment can provide information on catch and effort based on several variables (per vessel, per fishing zone, per gear, per types of vessels, per types of catch etc.)

In the Republic of Croatia there is a legal obligation for all license holders and all vessels to submit catch data, regardless of the vessel length.

9

Logbook

Commercial fishing licence holders with vessels over 10m in length have to keep the logbook (sample page provided on the next slide). Logbook has to be kept on board at all times. Data has to be entered in a timely manner and in any case prior to landing.

Logbook form is fully harmonized with the one set by the EU *acquis communautaire*.

Data entered in the logbook are: vessel name/registration; CFR; license holder; date, hour and port of departure; date, hour and port of arrival; date, hour and port of landing; gear used and its quantity; time spent fishing; fishing areas and zones; catch quantities; discard quantities and landing quantities (landing declaration)

Data are entered per species (name and quantity in kg) for all species whose quantities in the catch exceed 10 kg. Species whose total catch is below 10 kg are entered as "other" and are listed as a total quantity. Exceptionally, there are 16 species for which quantities have to be entered individually regardless of the catch quantity.

10

Logbook – sample of one logbook

N° HRV 0099098		OČEVIDNIK O GOSPODARSKOM RIBOLOVU		Dan		Mjesec		Sat		Godina				
PETER PAN JEDAN Ime plovila ili mg. oznaka(1)		PETER PAN D.O.O. Ime vlasnika oznak (3) POGRUPLIH HRV ERAMITELJA Adresa vlasnika oznak (3)		Polazak (4) 24. 09. 2010		Mjesec 09.		Sat 20.		Godina 2010				
Vlasnik oznaka plovila (2) HRV00000206 CFR broj (2)				Povratak (5) 25. 09. 08.		Mjesec 09.		Sat 08.		Godina 2010				
Oprema (8)		Veličina oka (9)		Količina (10)		U slučaju prekoračka (7)		Dan		Ime plovila ili radio signal ako ima				
										Vanjska oznaka plovila				
										Zastava plovila				
										Ukupno po vrstama ribe koje se salaze na plovilu u kilogramima ili broj jedinica (15)				
Datum (11)	Broj ribolovnih operacija (12)	Vrijeme ribolova (13)	Statistički pravak oznak	Ribolovne zone RH	GFC M zona	Ribolovne zone zemalja članica EU	Sredala	Inćun	Popadina	Ostić	Škrap	Trlja blatačica	Jedinična težina u ovom stanju	Paraf
25.09.	1	10		A	37.2.1		8684.00							
													Obilježni znak (16)	
Stanje ribe (17) Količina (18)		Statistički pravak oznak		Ribolovne zone RH		GFC M zona		Ribolovne zone zemalja članica EU		Deklaracija o iskorisaku prekoračka (*) u kilogramima ili deklarativnim jedinicama: 1 jedinica = 100 kilograma (18)				
Stanje ribe (17) Količina (18)												Prijavio zagarjednik/ Agenta(*)		
Stanje ribe (17) Količina (18)												Ime agenta i adresa		

11

Fishing report – for vessels under 10m

- Data should be entered every day
- Input data – Registry No, data on licence owner, vessel operative port, start & end fishing operation (date, hour), fishing gear, gear capacity, fishing zones, catch (species and quantities)
- Data on catch should be entered separately for each species caught, despite the quantity
- Data should be entered promptly every day
- Fishing report (original sheet) should be submitted to the Ministry once a month, for the previous month

12

Logbook - vessels less than 10m – sample

KORISNIK: Furčić, T Josip Registar flote | Promet ribe | Korisnik | Pomoć | Odjava

Ažuriranje [Lista izvješća](#) Status: Zaključen

IZVJEŠĆE O GOSPODARSKOM RIBOLOVU											
BROJ OBRASCA:	HRV	0000283	MJESEC:	VELJAČA	GODINA:	2008	OVLAŠTENIK:	UŠATA	BR.POVLASTICE:	2134	
IME ILI OZNAKA PLOVILA:	120-RG	VELIČINA PLOVILA (GT):	0,80	SNAGA PORIVNOG STROJA (KW):	6,61	DULJINA PLOVILA:	5,35	OPERATIVNA LUKA:	Regoznica		
MJESTO:	ROGOZNICA	DATUM:	28.09.2008	IME I PREZIME ZAPOVJEDNIKA PLOVILA:	ZORICALOVRIĆ	OI ZAPOVJEDNIKA PLOVILA:					

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
SAT ISPLOVLJAVANJA PLOVILA IZ LUKA					13	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6							15	5	5	5	
SAT UPLOVLJAVANJA PLOVILA U LUKU					15	16	17	17	17	16	17	16	15	16	16	16	16	16	16	16	8						18	18	18	8	
RIBOLOVNI ALAT					26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26						46	46	46	46		
DULJINA MREŽE, BROJ VRSIA ILI UDICA					200,00	200,00	200,00	200,00	200,00	200,00	200,00	200,00	200,00	200,00	200,00	200,00	200,00	200,00	200,00	200,00						250,00	250,00	250,00	250,00		
BROJ RIBARA					2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2						2	2	2	2		
RIBOLOVNA ZONA					F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F						F	F	F	F		

DNEVNI ULOV U KILOGRAMIMA																															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
RIBA																															
BUKVA						5,0	7,0	7,0	3,0	4,0	6,0	3,0	8,0	10,0	8,0	6,0	4,0	2,0	2,0												
UGOR																											8,0	10,0	4,0		

Catch data - statistical reports

- Total catch
- Catch per vessel/fishing zone/fishing gear/species
- Fishing effort per vessel
- Total landing
- Landing per /vessel/landing place/fishing gear/
- Landing per group of vessels/per group of fishing gears

Electronic logbook

In 2009, DoF has started with the pilot project of introduction of electronic logbook for BFT purse seiners longer than 24 meters. The implementation of electronic logbook coverage of all vessels longer than 24 meters is envisaged in 2011.

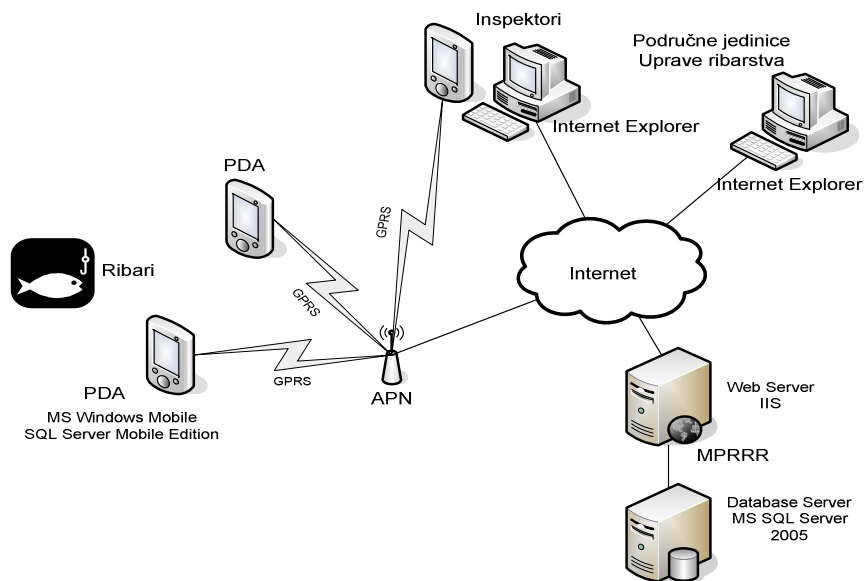
After this phase is over, it is envisaged that the electronic logbook shall be introduced on fleet segments above 18 m and then above 15 m (estimated end date is 2012-2013).

Introduction of electronic logbook would enable easy cross-checks with VMS data and first sales data. Additionally, it would be beneficial in BFT fishery where catch documentation schemes apply. With the implementation of the new IUU regulation, catch documentation schemes may be expected to apply in other fisheries.

Next slide indicates the envisaged architecture of the electronic logbook system

15

ELECTRONIC LOGBOOK SYSTEM SCHEME



16

First buyer & sales note register

- First buyer register
- DoF confirm their registration
- First buyer input sales note in web application
- Cross checking between logbooks and sales note
- Statistical reports – number of sales note/quantity of sold fish

The screenshot displays the 'INFORMACIJSKI SUSTAV MORSKOG RIBARSTVA-TEST' web application. The main section is titled 'PRECELED PRODAJA RIBIŠTVA' (Sales Note Register). It features a search bar and a table with columns for 'DAN' (Date), 'KOLIČINA' (Quantity), and 'VREDNOST' (Value). Below this, there is a detailed view of a sales note with columns for 'KUPAC' (Buyer), 'DOPREMAČ' (Supplier), and 'PROJEKAT' (Project). The table shows several entries with dates and quantities.

17

Summary

- Croatian Fishing Fleet Register is in line with requirements of EU Commission Regulation (EC) No 26/2004 of 30 December 2003 on the Community fishing fleet register
- Logbook is the same as the EU logbook
- We are establishing a system for collecting data in accordance with the DCR
- DoF is in process of identification of Metier
- Format for data entry for GFCM Task 1 is different – we are losing a lot of time to fill out the requested information
- Data for Task 1.1, Task 1.2 and Task 1.4 we have, but it takes the time to enter all data in GFCM Task1 DB Application
- We expect problems with the data necessary for Task 1.3 and Task 1.5

18

Thank you for your attention

Ministry of Agriculture, Fisheries and Rural Development
Directorate of Fisheries

www.ribarstvo.hr

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19