

LANDINGS FORM

LONGLINE

Vessel name	Record No.	Flag	Sampler	Departure (DDMMYY)	Arrival (DDMMYY)	Fishing area

Port-Country unloading: _____ - _____ Length: _____ m Well capacity: _____ m³ Engine power: _____ hp

FISHING METHOD AND OPERATION

Longline type (select one)	Hooks			Gear length			Bait used		%
Surface [] 1 Mid-water [] 2 Bottom [] 3	Number	Type	Size	Gangion	Float line	Between hooks	1.-		
Fishing/setting hours (average): _____ h				m	m	m	2.-		
Day [] 1 Night [] 2				Number of sets: _____					
Number of actual fishing days: _____			Comments:						

CAPTURE AND/OR LANDING DATA

Species	FAO code	Numeric code	Total No. landed	Total weight	Species	FAO code	Numeric code	Total No. landed	Total weight
1)			ind.	kg	5)			ind.	kg
2)			ind.	kg	6)			ind.	kg
3)			ind.	kg	7)			ind.	kg
4)			ind.	kg	8)			ind.	kg

BIOLOGICAL DATA BY INDIVIDUAL

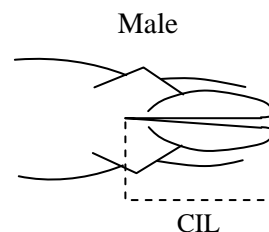
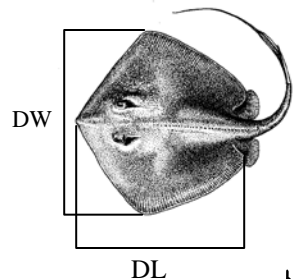
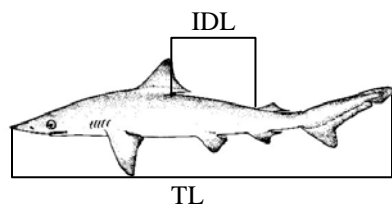
FAO code	Num. code	Sex		Sharks			Rays		Weight				Maturity		Comments
		M	F	TL	IDL	CIL	DL	DW		Whole	Eviscerated	Head off	M	I	
		[]	[]	cm	cm	mm	cm	cm	kg				[]	[]	
		[]	[]	cm	cm	mm	cm	cm	kg				[]	[]	
		[]	[]	cm	cm	mm	cm	cm	kg				[]	[]	
		[]	[]	cm	cm	mm	cm	cm	kg				[]	[]	
		[]	[]	cm	cm	mm	cm	cm	kg				[]	[]	
		[]	[]	cm	cm	mm	cm	cm	kg				[]	[]	
		[]	[]	cm	cm	mm	cm	cm	kg				[]	[]	
		[]	[]	cm	cm	mm	cm	cm	kg				[]	[]	
		[]	[]	cm	cm	mm	cm	cm	kg				[]	[]	
		[]	[]	cm	cm	mm	cm	cm	kg				[]	[]	
		[]	[]	cm	cm	mm	cm	cm	kg				[]	[]	
		[]	[]	cm	cm	mm	cm	cm	kg				[]	[]	
		[]	[]	cm	cm	mm	cm	cm	kg				[]	[]	

CHARACTERISTICS INDICATING SEXUAL MATURITY OF CHONDRICHTHYES

Males		Females	
Immature	Mature	Immature	Mature
Flexible Claspers (uncalcified)	Rigid claspers, calcified, flexion resistant (***) with rotation	White-like ovaries, no oocytes differentiation, or small size oocytes	Ovaries with large vitellogenic follicles, orange and yellow in color. Not visible in resting females; see nidamental gland
Testicular lobes without differentiation	Testicular lobes with differentiation (rays)	Nidamental or oviducal gland with no differentiation (no wider than uterus width) and its color doesn't differ from the color of the rest of the oviduct	Nidamental or oviducal gland with white-like or cream color, wider than uterus width
Filiform reproductive tubes with no noticeable development	Well developed, folded reproductive tubes. Semen present in seminal vesicle (terminal or posterior portion)	Translucent and filiform oviduct, or belt shaped and whitish color	<u>Non-gravid</u> : Posterior oviduct (uterus) belt-shaped and red or pink color; sometimes vascularized.
Alar thorns (*) absent or not noticeable	Alar thorns present, lined in one or more rows, well developed and in a hook shape		<u>Gravid</u> : Presence of eggs, sails or embryo in uterus(viviparous), or egg capsules (oviparous)

(*) Present only in Rajidae (oviparous rays), external region of the pectoral fin

(**) Not in genus *Squalus*



TL: Total length
IDL: Interdorsal length
DL: Disc length
DW: Disc width
CIL: Claspers internal length

