

## Recoveries of Coded Wire Tag for Chum Salmon in Korea in 2009

by

Ki Baik Seong

Cold-water Fish Research Center, NFRDI  
424-1, Songhyun-ri, Sonyang-myeon, Yangyang-gun, Gangwon-do 215-821,  
Republic of Korea

submitted to the

**North Pacific Anadromous Fish Commission**

by

Republic of Korea

September 2010

**THIS PAPER MAY BE CITED IN THE FOLLOWING MANNER:**

K.B. Seong. 2010. Recoveries of Coded Wire Tag for Chum Salmon in Korea in 2009. NPAFC Doc. 1251. 2 pp. Cold-water Fish Research Center, NFRDI, Yangyang-gun, Gangwon-do 215-821, Republic of Korea. (Available at [www.npafc.org](http://www.npafc.org)).

## Abstract

Korea has released CWT tagged juvenile chum salmon since 2003 and 45 CWT chum salmon were recovered at Namdae-cheon and harbor of coastal area(set net) during the spawning seasons in 2009. Among 45 chum salmon, 27 salmon were female and 18 were male. Most salmon sampled were age 3 (15.5 %) and age 4 (77.7%), which were released in 2007 and 2006.

## CWT recoveries

The CWTs were recovered from the spawning season of 2009, and 45 chum salmon with CWT were collected at Namdae-cheon and harbor of coastal area (set net). Among 45 chum salmon, 27 salmon were female and 18 were male. The fork length of chum salmon at each age were 61.8 cm (age 3), 66.4 cm (age 4), and 69.4 cm (age 5). Body weight of age 3 chum salmon was 2.1 kg and those of age 4 and 5 chum salmon were 2.6 kg and 3.1 kg, respectively.

Most chum salmon sampled were age 3 and age 4 released in 2007 and 2006. The return rate of chum salmon released in mid March was a little higher (56 %) than that (44 %) in early March.

Table2. Information on CWT tagged chum salmon caught in 2009

CWT number	# of catch (percent)	female	male	released month and year	age
279005	2 (4%)	1	1	early March 2005	5
279006	1 (2%)	1	0	mid March 2005	5
279111	13 (30%)	8	5	early March 2006	4
279112	22 (49%)	14	8	mid March 2006	4
279113	5 (11%)	3	2	early March 2007	3
279114	2 (4%)	0	2	mid March 2007	3
Total	45 (100%)	27	18		