

**APPENDIX 2.2.10. CHARACTERISTICS OF GLOBAL NUMERICAL
LONG-RANGE PREDICTION SYSTEM (Updated on April 2019)**

1. System	
System name (Version)	BCC-CPSv2
Date of implementation	1 Jan 2016
2. Configuration	
Coupled ocean-atmospheric	Atmosphere-land-ocean-sea ice coupled
Tier-2 forecast system	No, Tier-1 forecast system
Atmospheric model resolution	T106 (about 110km)
Ocean model and its resolution	MOM4, 1/3-1 degree
Source of atmospheric initial conditions	NCEP Reanalysis 1
Source of ocean initial conditions	Global Ocean Data Assimilation System
Hindcast period	1991-2015
Ensemble size for the hindcasts	24
Method of configuring the hindcast ensemble	Lagged average forecasting and singular vector perturbation
Ensemble size for the forecast	24
Method of configuring the forecast ensemble	Lagged average forecasting and singular vector perturbation
Length of forecast	13 months
Method of construction of the forecast anomalies	Subtracting the hindcast climatology
The latest date that predicted anomalies for the next month/season become available	The 15 th of the month
3. Further information	
URL for forecast displayed	http://www.wmc-bj.net/publish/Climate-Models/BCC-CSM.html
Point of contact	Dr. Yanjie Cheng (email: chengyj@cma.gov.cn)

Note: WMO-NO.485 APPENDIX 2.2.10.