Thanks so much for the editor's comments and corrections of grammar errors in the manuscript. Those are all valuable and very helpful for revising and improving our paper. The main corrections in the paper and the responds to the comments are as flowing:

Comments to the Author:

Thank-you for your revised manuscript. Now I am asking for technical corrections, mainly to clarify the meaning but in one case (end of section 3) to include your response about "how long" in the paper.

Line 13. "occurring . ."

Accepted (line13)

Lines 16-17. ". . Besides large steepness and small directional spreading, a long . ." Accepted. (line16-17)

Line 18. Omit "the sequential variation of"?

Accepted. (line18-19)

Line 19. Omit "continuous"?

It's better to keep "continuous". (line19)

Line 20. Maybe "termed" (meaning "called") rather than "supposed to be"

This sentence aim to express that "sea states of local large steepness and small directional spreading are suitable for the generation of freak waves, but those conditions are not sufficient. We just suppose the sea states are "freakish" sea states" "be "freakish" sea states" is revised to "generate freak waves" (line20-21)

Line 28. "to be" not "as"

Accepted. (line29)

Line 33. Omit "more".

Accepted. (line34)

Line 37. ". . and extreme . ."

Accepted. (line38)

Line 38. "various" not "different".

Accepted. (line39)

Line 40. Omit "Its"

Accepted. (line41)

Line 51. "findings" not "achievements"

Accepted. (line52)

Line 52. "freak waves. This check gives useful information . ."

Accepted. (line53)

Line 57. "mimics the directional spectrum. . . can not simulate freak"

Accepted. (line58)

Line 62. ". . evolution of the spectrum . .". I do not understand "spectral kinetic description"

"spectral kinetic description" should be "kinetic description"; "with" revised to "within" (line63)

Lines 71-72. ". . The wave directions are resolved to 10° (36 "bins") and frequencies range from 0.0412 to 0.4056 in 25 bands, with the . ."

Accepted. (line73-75)

Lines 75-77. "We force the wave model using the Cross-Calibrated, Multi-Platform Ocean Surface Wind Velocity (Atlas et al., 2011), which has 0.25 degree resolution . ."

Accepted. (line77-79)

Lines 80-81. ". . Tolman, 2002). WW3 always needs 1 to 2 days to spin-up in "cold start" conditions. In our simulations, we allow . ."

Accepted. (line82-83)

Line 92. ". . parameters having a close relationship . ."

Accepted. (line94)

Line 96. Omit "relative"?

"relative" is more precise (line98)

Line 98. ". . takes a local"

Accepted. (line100)

Line 99. ". . near-extreme . ."

Accepted. (line101)

Line 102. ". . indicates that freak wave events may occur when"

Accepted. (line104)

Line 103. ". . series, unlike the other cases' quasi . ."

Accepted. (line105)

Lines 109-110. ". . . Steepness in cases 1 to 6 when freak waves happen is always above 0.08, which . ."

Accepted. (line111-112)

Line 112. "... BFI (Fig. 4) on account of the direct proportion relation"

Accepted. (line115)

Line 113. ". . (2), as in cases . ."

Accepted. (line115)

Line 118. ". . spreading. Hence the directionality . ."

Accepted. (line120)

Lines 119-120. ". . inconsistency of BFI values. The directional spreading . . relatively small: less than . ."

Accepted. (line121-122)

Line 124. "wave incidents. Freak waves are considered to result from B-F instability, so should be"

Accepted. (line127)

Line 127. Omit "multi-"

Accepted. (line130)

Line 128. ". . (2009) and In et al. . ."

Accepted. (line131)

Line 132. "frequency peakedness when the spectrum changes from single-peak to double-peak. For this reason, the frequency . ."

Accepted. (line135-136)

Lines 151-152. Omit "for local characteristic"? Then ". . results. However, it is relatively small . ."

Accepted. (line155-156)

Line 154. "other cases. Hence it is thought . ." Accepted. (line158)

Lines 157-158. ". . rapid change in direction spreading, which may be responsible . . obvious visual commonality of the joint"

Accepted. (line161-163)

Lines 161-162. ". . What is more, a long duration . . "freakish" sea states; how long is not clear from the present evidence and awaits future study."

Accepted. (line165-167)

Line 164. "Experimental and theoretical approaches both suggest . ."

Accepted. (line169)

Lines 170-171. ". .is large, directional spreading is relatively narrow and the state lasts a long time." (line176)

Accepted.

Line 173. Omit "more variables"?

Accepted. (line179)

Lines 173-174. ". . The visual commonality here suggests a tool to characterize . ." Accepted. (line179-180)

Some more corrections:

1. "Liu^{1*}" revised to "Liu¹" (line3)

2. Omit "41206021" (line 185)