



**India Meteorological Department
Earth System Science Organisation
(Ministry of Earth Sciences)**

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FROM: INDIA METEOROLOGICAL DEPARTMENT (FAX NO. 24643965/24699216/24623220)

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Sub: (a) Cyclonic Storm, 'LUBAN' over westcentral & adjoining southwest Arabian Sea

(b) Depression over eastcentral Bay of Bengal: Pre-cyclone watch for Odisha and north Andhra Pradesh coasts

(a) Cyclonic Storm, 'LUBAN' over westcentral & adjoining southwest Arabian Sea:

The Cyclonic Storm over westcentral & adjoining southwest Arabian Sea moved further west-northwestwards with a speed of about 14 kmph in last 06 hours and lay centered at 1730 hrs IST of today, the 08th October 2018 over westcentral & adjoining southwest Arabian Sea, near latitude 12.5°N and longitude 61.0°E, about 900 km east-southeast of Salalah (Oman) and 770 km east of Socotra Islands (Yemen). It is very likely to intensify into a Severe Cyclonic Storm during next 24 hours. It is very likely to move west-northwestwards towards Yemen & South Oman Coasts during next 5 days. Forecast track & intensity are given in the following table:

Date/Time(IST)	Position (Lat. °N/ long. °E)	Maximum sustained surface wind speed (Kmph)	Category of cyclonic disturbance
08.10.18/1730	12.5/61.0	80-90 gusting to 100	Cyclonic Storm
08.10.18/2330	12.7/60.5	85-95 gusting to 105	Cyclonic Storm
09.10.18/0530	12.9/60.0	90-100 gusting to 115	Severe Cyclonic Storm
09.10.18/1130	13.1/59.5	95-105 gusting to 120	Severe Cyclonic Storm
09.10.18/1730	13.3/59.0	100-110 gusting to 125	Severe Cyclonic Storm
10.10.18/0530	13.7/58.1	110-120 gusting to 135	Severe Cyclonic Storm
10.10.18/1730	14.1/57.1	110-120 gusting to 135	Severe Cyclonic Storm
11.10.18/0530	14.4/56.1	110-120 gusting to 135	Severe Cyclonic Storm
11.10.18/1730	14.7/55.1	105-115 gusting to 130	Severe Cyclonic Storm
12.10.18/0530	14.9/54.1	100-110 gusting to 125	Severe Cyclonic Storm
12.10.18/1730	15.1/53.2	95-105 gusting to 120	Severe Cyclonic Storm

Spatial rainfall distribution: Isolated: <25%, A few: 26-50%, Many: 51-75%, Most: 76-100%

Rainfall amount (mm): Heavy rain: 64.5 – 115.5, Very heavy rain: 115.6 – 204.4, Extremely heavy rain: 204.5 or more.

13.10.18/0530	15.2/52.3	90-100 gusting to 115	Severe Cyclonic Storm
13.10.18/1730	15.2/51.4	90-100 gusting to 115	Severe Cyclonic Storm

Warnings:

(i) Wind warning

- Gale wind speed reaching 80-90 kmph gusting to 100 kmph is very likely over westcentral & adjoining southwest Arabian Sea. It is very likely to increase gradually becoming 100-110 kmph gusting to 135 kmph during 10th to 12th October 2018 over westcentral Arabian Sea around the system centre. The wind speed is very likely to decrease gradually over southwest Arabian Sea from 9th morning.
- Squally wind speed reaching 40-50 kmph gusting to 60 kmph is very likely over adjoining areas of southeast and east central Arabian Sea during next 12 hrs.

(ii) Sea condition

- The sea condition is very high around the system centre. It is very likely continued to be very high over westcentral Arabian Sea till 12th October 2018 morning.

(iii) Fishermen Warning

- The fishermen are advised not to venture into deep sea areas of westcentral Arabian Sea & Gulf of Aden till 13th October, adjoining southwest Arabian Sea till 10th October and adjoining areas of southeast & east central Arabian Sea during next 12 hours.

(b) Depression over eastcentral Bay of Bengal: Pre-cyclone watch for Odisha and north Andhra Pradesh coasts:

The depression over eastcentral Bay of Bengal moved further west-northwestwards with a speed of about 12 kmph in last 06 hours and lay centred at 1730 hrs IST of today, the 8th October 2018 near latitude 14.3°N and longitude 88.2°E, about 650 km southeast of Gopalpur (Odisha) and 620 km southeast of Kalingapatnam (Andhra Pradesh). It is very likely to intensify into a Deep Depression during next 18 hours and into a Cyclonic Storm during subsequent 24 hours. It is very likely to move west-northwestwards for some more time and then northwestwards towards Odisha & adjoining north Andhra Pradesh coasts during next 72 hours.

Forecast track and intensity are given in the following table:

Date/Time(IST)	Position (Lat. °N/ long. °E)	Maximum sustained surface wind speed (Kmph)	Category of cyclonic disturbance
08.10.18/1730	14.3/88.2	45-55 gusting to 65	Depression
09.10.18/0530	14.8/87.4	50-60 gusting to 70	Deep Depression
09.10.18/1730	15.9/86.0	55-65 gusting to 75	Deep Depression
10.10.18/0530	17.2/85.3	60-70 gusting to 80	Cyclonic Storm
10.10.18/1730	18.1/85.0	65-75 gusting to 85	Cyclonic Storm
11.10.18/0530	18.8/84.8	70-80 gusting to 90	Cyclonic Storm
11.10.18/1730	19.5/84.8	70-80 gusting to 90	Cyclonic Storm

Warnings:

(i) Heavy rainfall warnings:

Sub-Divisions	09 Oct. 2018	10 Oct. 2018*	11 Oct. 2018*	12 Oct. 2018*
Odisha	Rainfall at many places with heavy falls at Isolated Places over south coastal Odisha	Rainfall at most places with heavy to very heavy falls at a few places and extremely heavy falls at Isolated Places over coastal Odisha	Rainfall at most places with heavy to very heavy falls at a few places and extremely heavy falls at Isolated Places over coastal & adjoining interior Odisha	Rainfall at many places with heavy falls at Isolated Places over north coastal Odisha
North Coastal Andhra Pradesh	Rainfall at a few places	Rainfall at many places with heavy falls at Isolated Places	Rainfall at many places with heavy falls at Isolated Places	nil
Gangetic West Bengal	Rainfall at Isolated Places	Rainfall at many places with heavy to very heavy falls at Isolated Places	Rainfall at most places with heavy to very heavy falls at Isolated Places	Rainfall at many places with heavy falls at Isolated Places

Note: * Rainfall till 0830 IST of next day.

Legends: **Red-Take Action; Orange- Be prepared; Yellow- be updated; Green: No warning**

Heavy rain: 64.5-115.5 mm/day; Very heavy rain: 115.6-204.4 mm/day; Extremely heavy rain: more than 204.4 mm/day

Spatial rainfall distribution: Isolated: <25%, A few: 26-50%, Many: 51-75%, Most: 76-100%

Rainfall amount (mm): Heavy rain: 64.5 – 115.5, Very heavy rain: 115.6 – 204.4, Extremely heavy rain: 204.5 or more.

(ii) Wind warning

- Squally wind speed reaching 40-50 kmph gusting to 60 kmph very likely over north Andaman Sea, southeast & adjoining eastcentral Bay of Bengal and Andaman Islands during next 24 hours.
- Squally wind speed reaching 45-55 kmph gusting to 65 kmph likely over deep sea areas of central & adjoining north Bay of Bengal till 10th October 2018.
- Squally wind speed reaching 45-55 kmph gusting to 65 kmph is very likely to commence along & off along north Andhra Pradesh, Odisha and West Bengal coast from 9th afternoon.
- It is very likely to increase gradually becoming 80-90 kmph gusting to 100 kmph from 10th October 2018 evening onwards along & off south Odisha & adjoining districts of north Andhra Pradesh coasts and 55-65 kmph gusting to 75 kmph along & off north Odisha, west Bengal and remaining districts of north Andhra Pradesh coasts.

(iii) Sea condition

- The sea condition is very likely to be rough to very rough over north Andaman Sea and southeast & adjoining eastcentral Bay of Bengal during next 24 hours; and very rough over central & adjoining north Bay of Bengal during 9th and very rough to high during 10th and 11th October 2018.

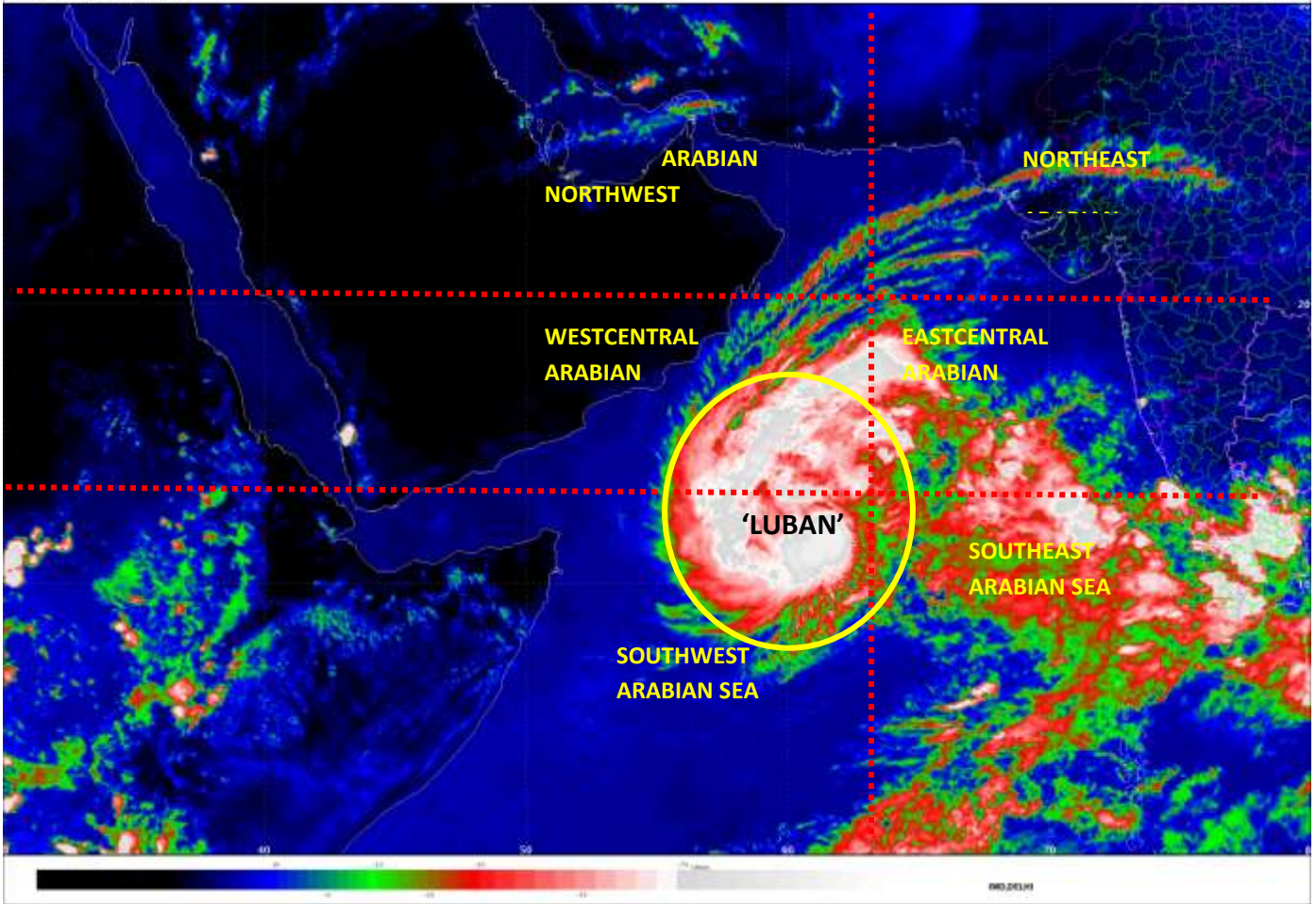
(iv) Fishermen Warning

- The fishermen are advised not to venture into deep sea areas of central Bay of Bengal during 8th to 10th October 2018 and north Bay of Bengal during 9th to 11th October 2018 and into north Andaman Sea during next 12 hours.
- Those, who are out in deep sea areas are advised return to the coast.

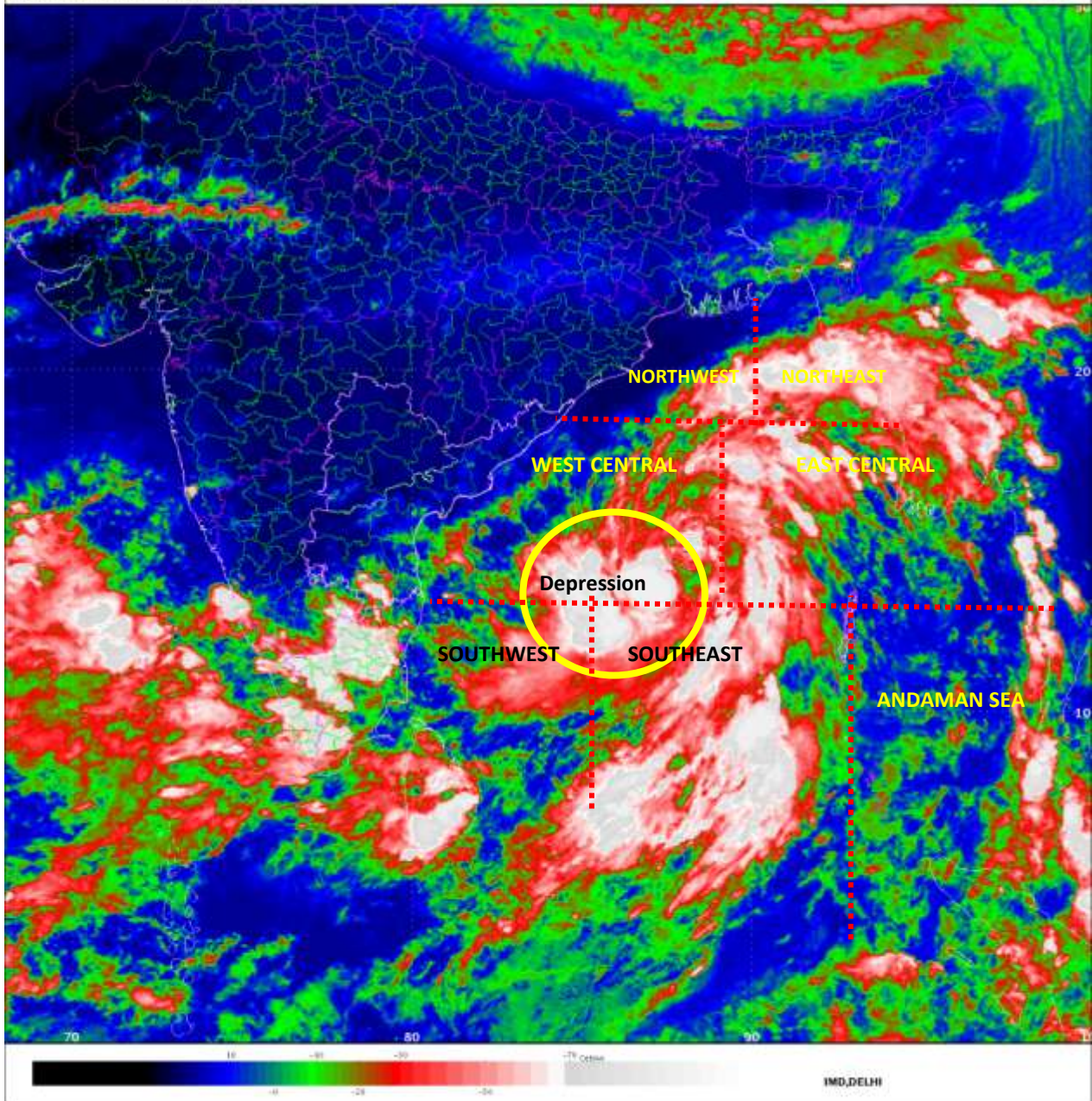
The next bulletin will be issued at 2330 hrs IST of today, the 08th October, 2018.

(Naresh Kumar)
Scientist-E, RSMC, New Delhi

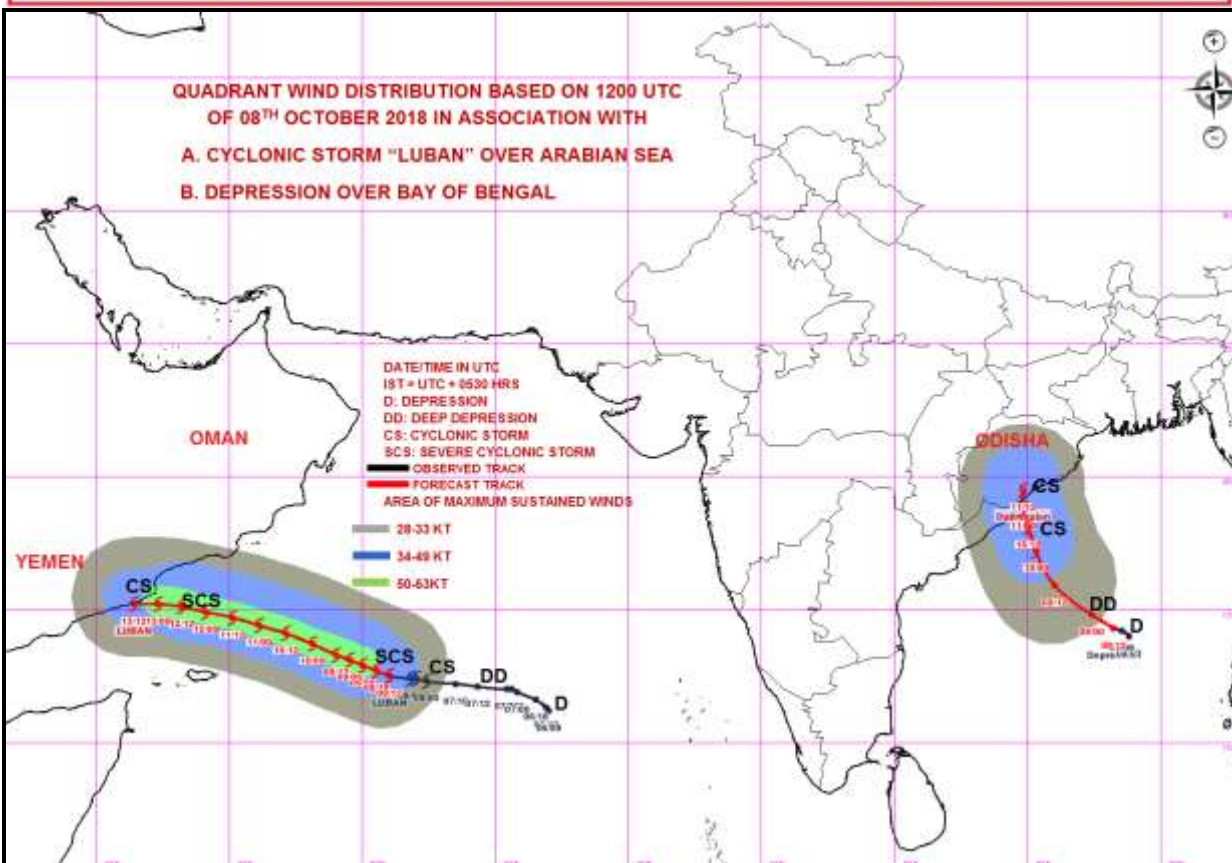
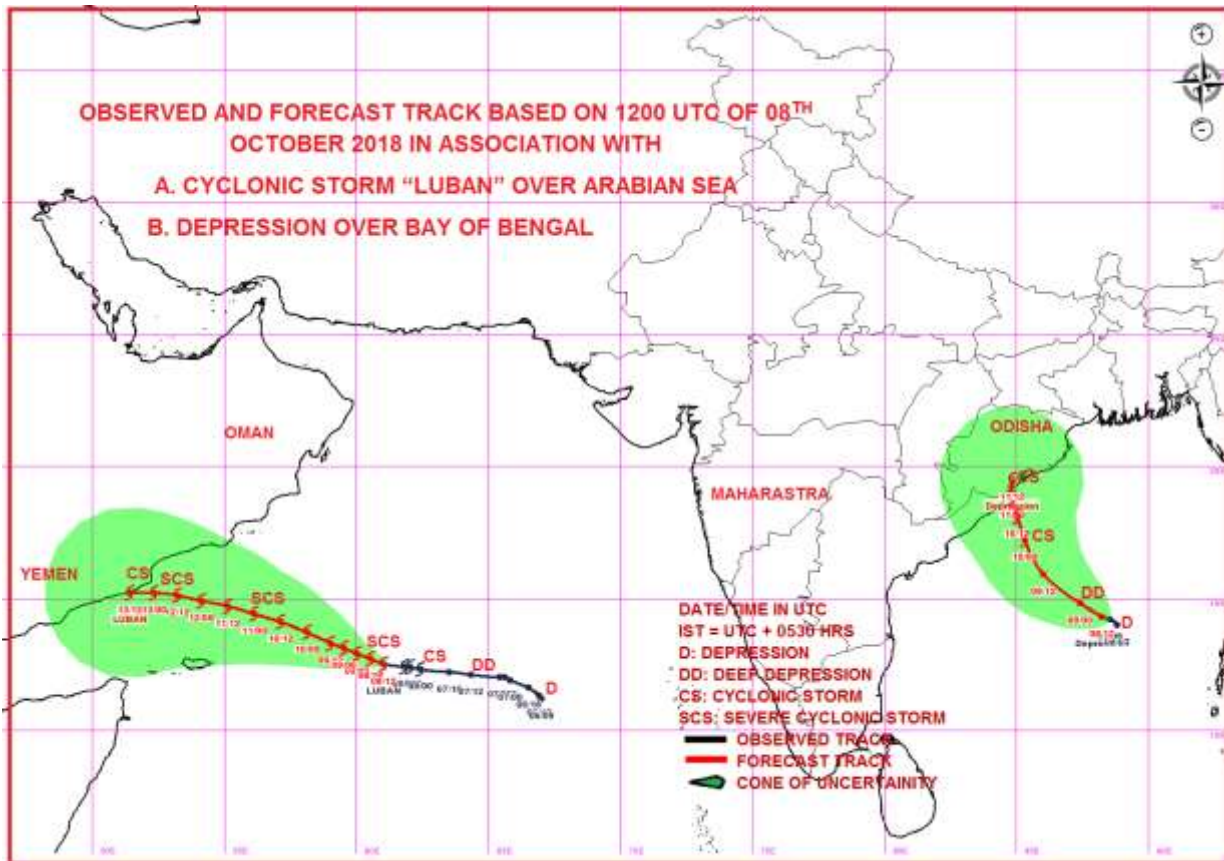
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