



**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 north Andhra Pradesh and Odisha coast

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

The Cyclonic Storm over westcentral & adjoining southwest Arabian Sea moved west-northwestwards with a speed of about 18 kmph in last 06 hours and lay centered at 0830 hrs IST of today, the 08th October 2018 over westcentral & adjoining southwest Arabian Sea, near latitude 12.4°N and longitude 62.0°E, about 990 km east-southeast of Salalah (Oman), 880 km east of Socotra Islands (Yemen) and 1300 km west-northwest of Minicoy (Lakshadweep Islands). It is very likely to intensify into a Severe Cyclonic Storm during next 24 hours. It is very likely to move west-northwestwards towards South Oman & Yemen Coasts during next 5 days.

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
08.10.18/0830	12.4/62.0	65-75 gusting to 85	Cyclonic Storm
08.10.18/1130	12.5/61.8	70-80 gusting to 90	Cyclonic Storm
08.10.18/1730	12.8/61.2	80-90 gusting to 100	Cyclonic Storm
08.10.18/2330	13.1/60.6	80-90 gusting to 100	Cyclonic Storm
09.10.18/0530	13.4/60.0	90-100 gusting to 115	Severe Cyclonic Storm
09.10.18/1730	13.7/59.3	100-110 gusting to 125	Severe Cyclonic Storm
10.10.18/0530	14.0/58.6	100-110 gusting to 125	Severe Cyclonic Storm
10.10.18/1730	14.4/57.9	100-110 gusting to 125	Severe Cyclonic Storm
11.10.18/0530	14.8/57.8	100-110 gusting to 125	Severe Cyclonic Storm
11.10.18/1730	15.1/56.3	100-110 gusting to 125	Severe Cyclonic Storm
12.10.18/0530	15.3/55.4	90-100 gusting to 115	Severe Cyclonic Storm
12.10.18/1730	15.5/54.0	80-90 gusting to 100	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.

Warnings:

(i) Wind warning

- Gale wind speed reaching 70-80 kmph gusting to 90 kmph is very likely over westcentral & adjoining southwest Arabian Sea. It is very likely to increase gradually becoming 100-110 kmph gusting to 125 kmph during 9th October 2018 evening to 11th October evening 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 24 hrs.

(ii) Sea condition

- The sea condition is high around the system centre. It is very likely to become gradually very high over westcentral Arabian Sea from 8th October 2018 evening onwards. .

(iii) Fishermen Warning

- The fishermen are advised not to venture into deep sea areas of westcentral Arabian Sea from 8th to 12th October, adjoining southwest Arabian sea during next 48 hrs and adjoining areas of southeast and east central Arabian Sea during next 24 hours.

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

The well marked low pressure area over southeast and adjoining eastcentral Bay of Bengal concentrated into a depression and lay centred at 0830 hrs IST of today, the 8th October 2018 over eastcentral Bay of Bengal, near latitude 14.0°N and longitude 88.8°E, about 720 km south-southeast of Gopalpur (Odisha) and 690 km southeast of Kalingapatnam (Andhra Pradesh). It is very likely to intensify further into a Deep Depression during next 24 hours and into a Cyclonic Storm during subsequent 24 hours. It is very likely to move northwestwards towards Odisha and 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
08.10.18/0830	14.0/88.8	40-50 gusting to 60	Depression
08.10.18/1730	14.5/87.8	45-55 gusting to 65	Depression
09.10.18/0530	15.5/86.8	50-60 gusting to 70	Deep Depression
09.10.18/1730	16.5/86.0	55-65 gusting to 75	Deep Depression
10.10.18/0530	17.5/85.6	60-70 gusting to 80	Cyclonic Storm
10.10.18/1730	18.5/85.3	65-75 gusting to 85	Cyclonic Storm
11.10.18/0530	19.2/85.0	70-80 gusting to 90	Cyclonic Storm

Warnings:

(i) Heavy rainfall warning

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	Rainfall at Isolated Places
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 from 8th to 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 70-80 kmph gusting to 90 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.

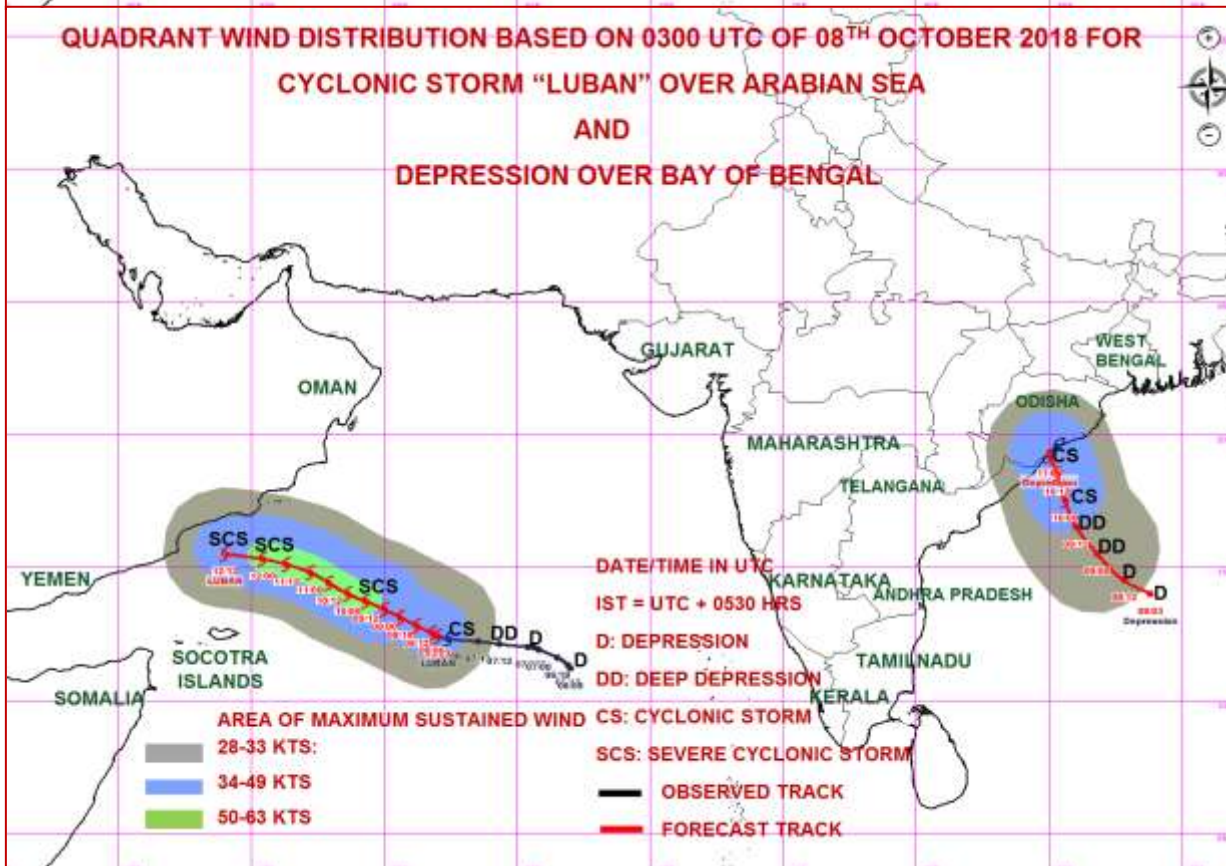
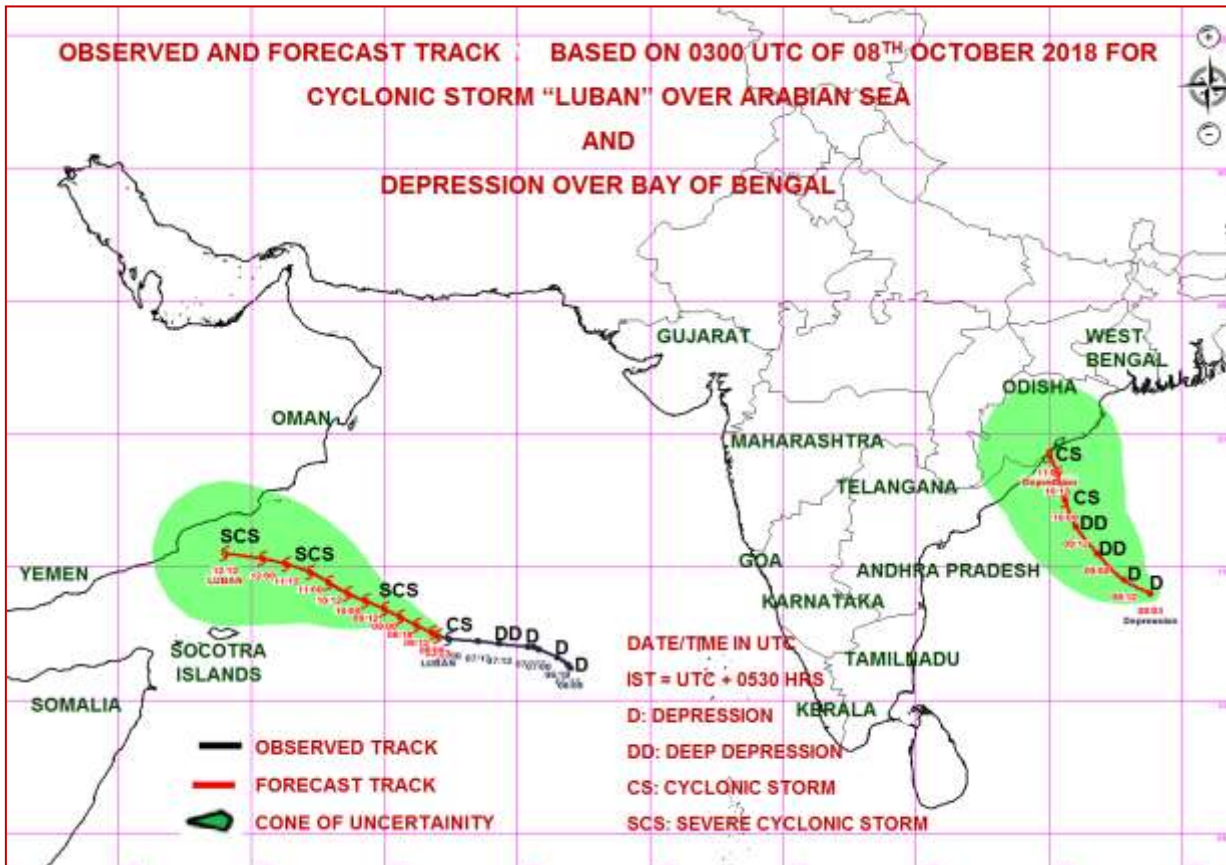
(iv) Fishermen Warning

- 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 on 8th October 2018.
- Those, who are out in deep sea areas are advised return to the coast.

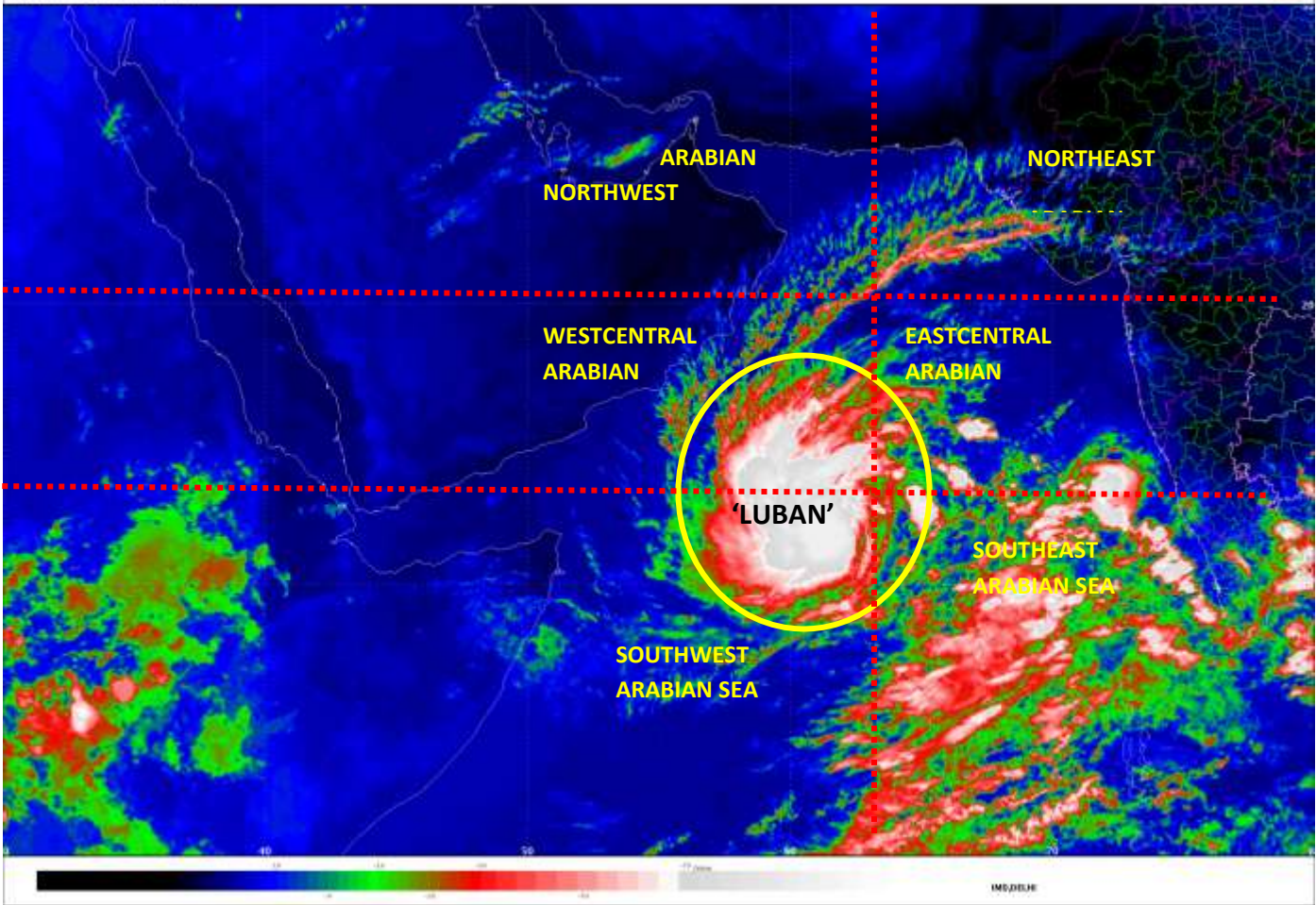
The next bulletin will be issued at 1430 hrs IST of today, the 08th October, 2018.

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

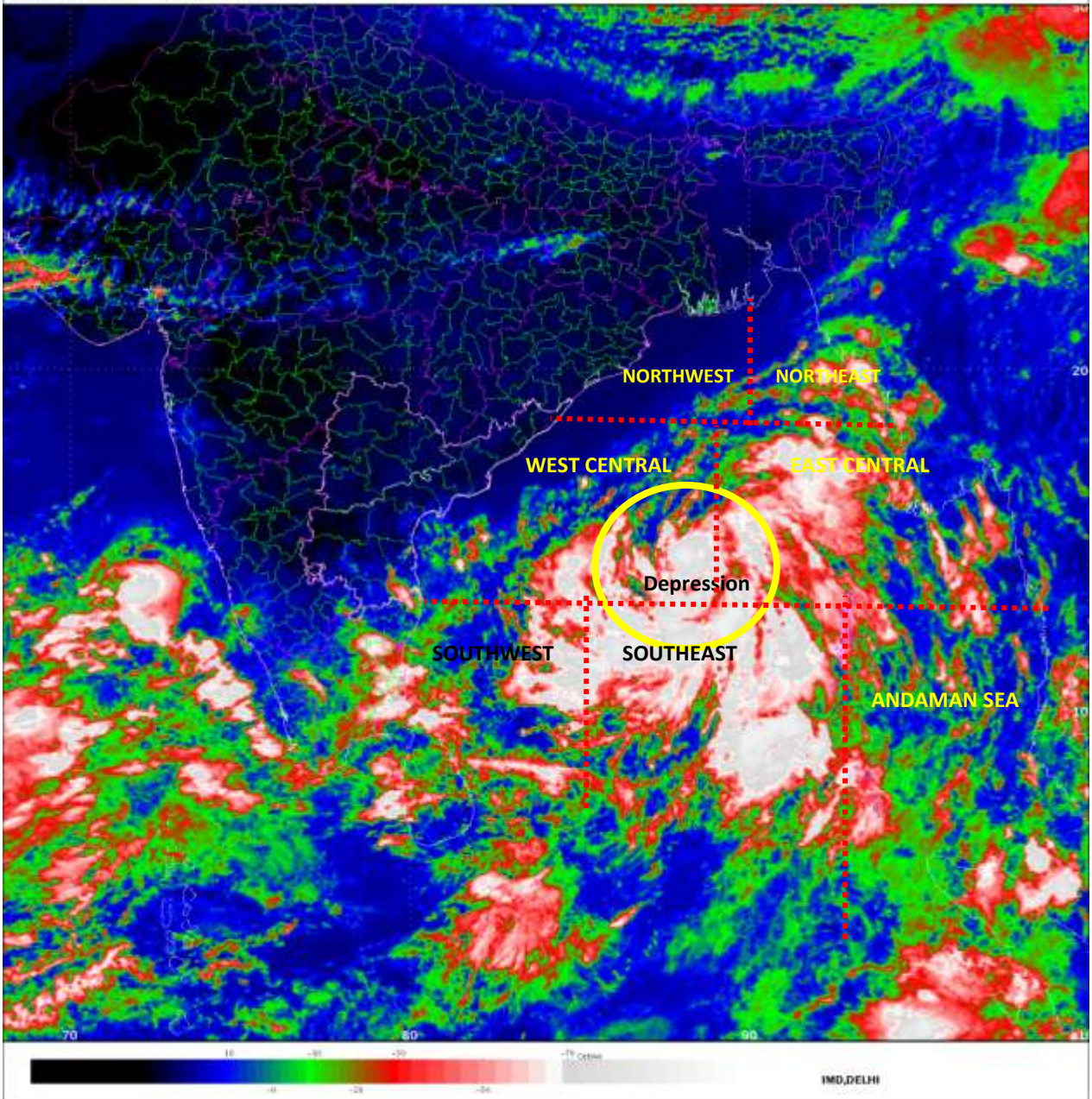
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