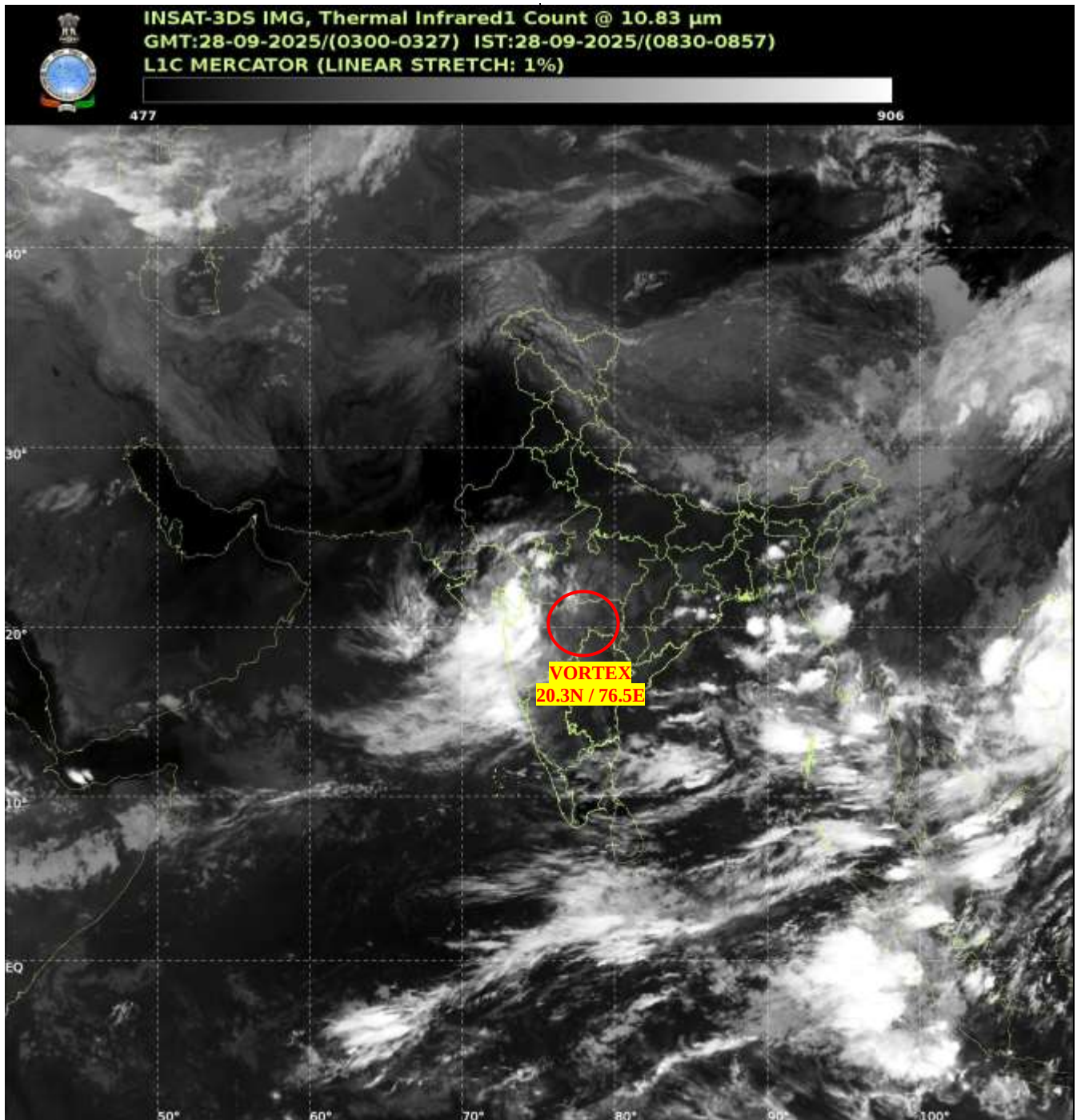




भारत मौसम विज्ञान विभाग  
पृथ्वी विज्ञान मंत्रालय  
India Meteorological Department  
Ministry of Earth Sciences



**SATELLITE BULLETIN BASED ON SATELLITE  
IMAGERIES AND PRODUCTS**  
**28.09.2025 TIME 0300 UTC**



TCIN50 DEMS 280300

SATELLITE BULLETIN BASED ON INSAT-3DS PIC OF 280300 UTC (.)

REGION COVERED BETWEEN LAT 50.0°N TO 35.0°S AND LONG 40.0°E TO 125.0°E (.)

**SALIENT FEATURES:-**

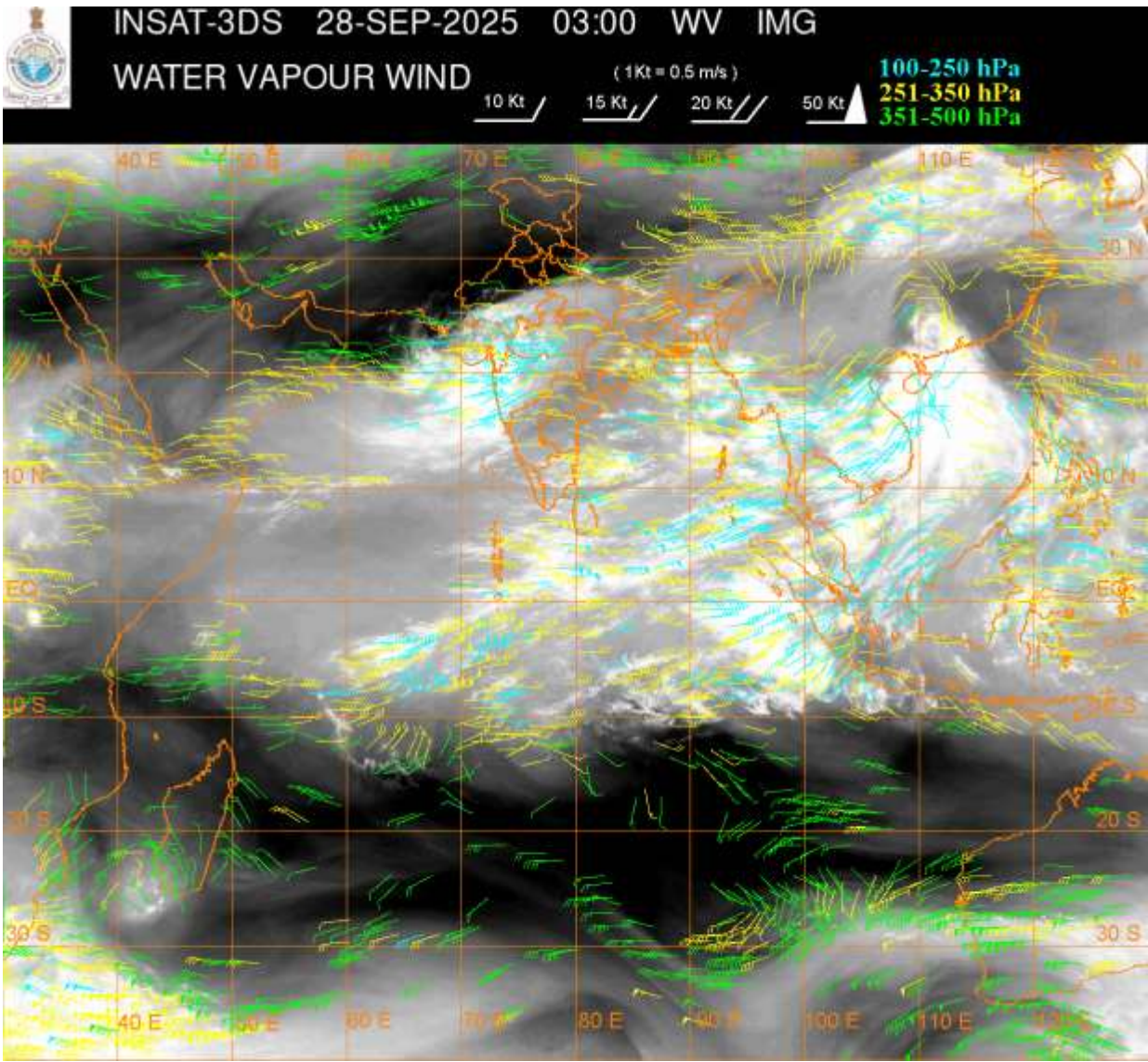
**VORTEX OVER WEST VIDARBHA & N/HOOD:-**

VORTEX OVER WEST VIDARBHA & N/HOOD CENTERED WITHIN HALF A DEGREE OF **20.3N / 76.5E** (.) ASSTD SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER MADHYA MAHA KONKAN SW MP GUJ REGION GULF OF CAMBAY EC ARSEA OFF MAHA COAST (MINIMUM **CTT MINUS 70-90 DEG CEL**) AND MOD TO INT CONVTN OVER W VID SAURASHTRA & KUTCH S RAJ (MINIMUM **CTT MINUS 40-60 DEG CEL**) (.)

**CONVECTIVE / THUNDERSTORM ACTIVITY:-**

INTENSE TO VERY INTENSE CONVECTIVE / THUNDERSTORM ACTIVITY OBSERVED OVER SW MP GUJ REGION KKN MADHYA MAHA ANDAMAN & NICOBAR ILS AREA (MINIMUM **CTT MINUS 70-90 DEG CEL**) (.)

**MODERATE TO INTENSE CONVECTIVE / THUNDERSTORM ACTIVITY OBSERVED OVER S RAJ SURASHTRA & KUTCH W VID MRTHWDA GOA N ORS TN (MINIMUM CTT MINUS 40-70 DEG CEL) (.)**



**CLOUDS DESCRIPTION WITHIN INDIA:-**

**NORTH:-**

**SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER LADAKH UTRKND N UP (.) SCT LOW/MED CLOUDS OVER J&K HP N HARY S UP (.)**

**EAST:-**

**SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER N ORS & BD (.) SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER CHTGH JHRKND S ORS GWB SKM NE STATES (.) SCT LOW/MED CLOUDS OVER BHR SHWB (.)**

**WEST:-**

**SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER SW MP GUJ REGION KKN MADHYA MAHA (.) SCT TO BKN LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER S RAJ SAURASHTRA KUTCH MRTHWD W VID GOA (.) SCT LOW/MED CLOUDS WITH EMBDD ISOL WK CONVTN OVER REST MP E VID (.) SCT LOW/MED CLOUDS OVER N RAJ (.)**

**SOUTH:-**

**SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER ANDAMAN & NICOBAR ILS AREA (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER TN ADJ S AP AND WK TO MOD CONVTN OVER KRNTK TLNGN RYLSM REST COTL AP KER LKSDP ILS AREA (.)**

**ARABIAN SEA:-**

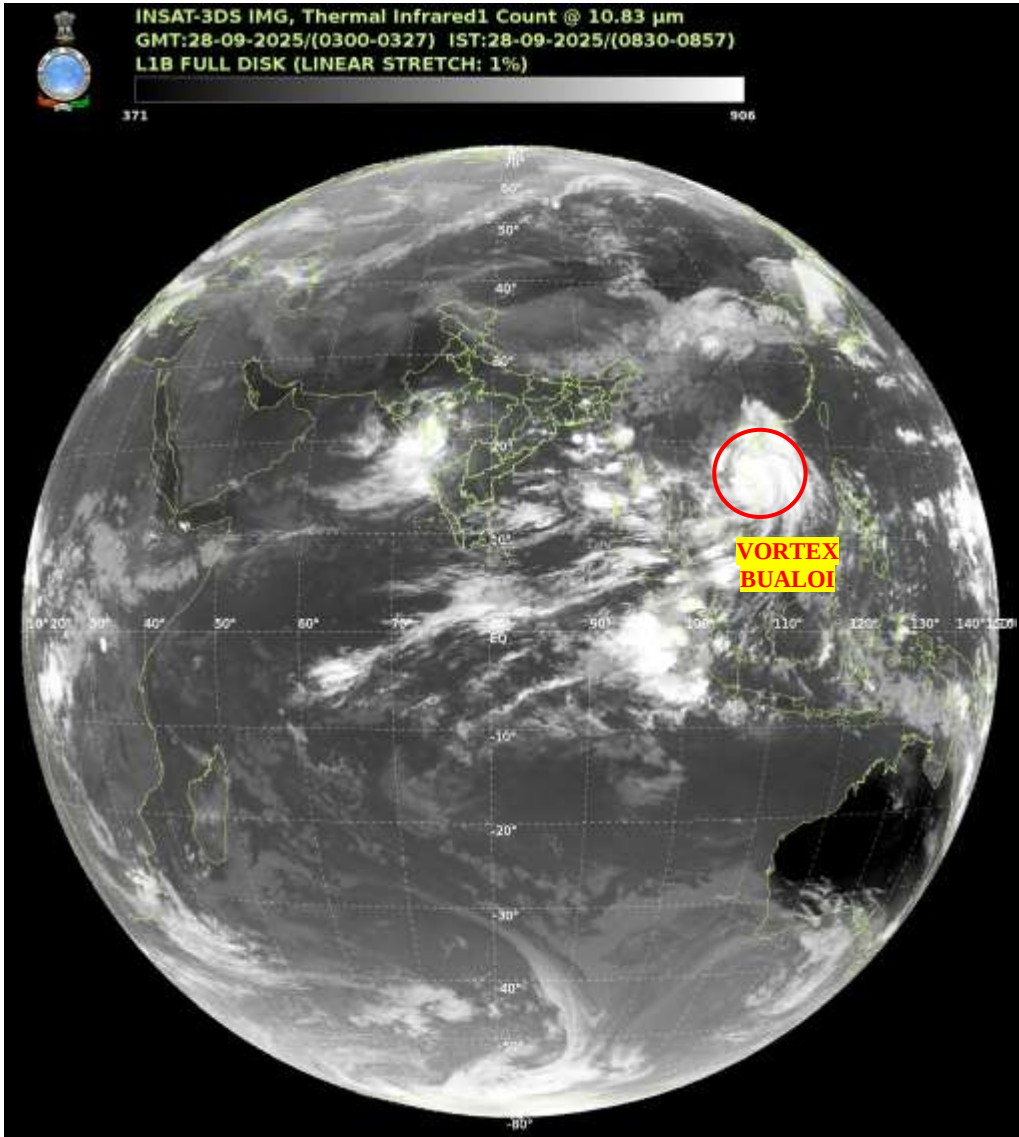
**SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER EC ARSEA & GULF OF CAMBAY (.) SCT LOW/MED CLOUDS WITH EMBDD ISOL MOD TO INT CONVTN OVER REST ARSEA LKSDP ILS AREA MALDIVES & COMORIN AREA (.)**



BAY OF BENGAL & ANDAMAN SEA:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER BAY ANDAMAN SEA GULF OF MARTABAN TENASSERIM COAST & ARAKAN COAST (.)

CLOUDS DESCRIPTION OUTSIDE INDIA:-



VORTEX (BUALOI) OVER SOUTH CHINA SEA & N/HOOD:-

VORTEX (**BUALOI**) OVER SOUTH CHINA SEA & N/HOOD (**AREA F05**) CENTERED NEAR **16.5N / 108.7E** (.) INTENSITY **T4.5/5.0** (.) MAXIMUM SUSTAINED WINDS **90-119 KTS** (.) ASSTD BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER AREA BET LAT 10.0N TO 22.0N LONG 104.0E TO 116.0E VIETNAM LAOS CAMBODIA GULF OF TONKIN & HAINAN (.)

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SRI LANKA GULF OF MANNAR MALDIVES NEPAL BHUTAN TIBET CHINA YELLOW SEA MYANMAR THAILAND GULF OF THAILAND CAMBODIA LAOS VIETNAM GULF OF TONKIN HAINAN SUMATRA STR OF MALACCA MALAYSIA BORNEO SOUTH CHINA SEA JAVA ILS & SEA CELEBES ILS & SEA PHILIPPINES SULU SEA AND OVER INDIAN OCEAN BET LAT 5.0N TO 20.0S LONG 60.0E TO 110.0E (.)

TOO 28/0930 EF=

NNNN

LEGEND:-

|                                                                   |              |                                                      |
|-------------------------------------------------------------------|--------------|------------------------------------------------------|
| REGION                                                            | NORTH        | J&K HP PJB HARY DLH UP UTRKND                        |
|                                                                   | EAST         | BHR JHRKND CHTGH ORS WB<br>SKM NORTH- EAST STATES    |
|                                                                   | WEST         | RAJ MP GUJ MAHA GOA                                  |
|                                                                   | SOUTH        | TLNGN AP KRNTK KER TN LKSDP<br>ANDAMAN & NICOBAR ILS |
| CLOUD DISTRIBUTION                                                | ISOL         | ISOLATED (LESS THAN 25%)                             |
|                                                                   | SCT          | SCATTERED (25 TO 50%)                                |
|                                                                   | BKN          | BROKEN (51 TO 75%)                                   |
|                                                                   | SLD          | SOLID (GREATER THAN 75%)                             |
| CLOUDS TOP TEMPERATURE                                            | CTT          | CLOUD TOP TEMPERATURE                                |
| CONVECTION                                                        | WK CONVTN    | WEAK CONVECTION<br>(CTT GREATER THAN -25°C)          |
|                                                                   | MOD CONVTN   | MODERATE CONVECTION<br>(CTT BETWEEN -25°C TO -40°C)  |
|                                                                   | INT CONVTN   | INTENSE CONVECTION<br>(CTT BETWEEN -41°C TO -70°C)   |
|                                                                   | V INT CONVTN | VERY INTENSE CONVECTION<br>(CTT LESS THAN -70°C)     |
| METEOROLOGICAL<br>SUB- DIVISIONS,<br>STATES & UNION<br>TERITORIES | ARUPR        | ARUNACHAL PRADESH                                    |
|                                                                   | BHR          | BIHAR                                                |
|                                                                   | CHTGH        | CHHATTISGARH                                         |
|                                                                   | COTL AP      | COASTAL ANDHRA PRADESH                               |
|                                                                   | COTL KRNTK   | COASTAL KARNATAKA                                    |
|                                                                   | COTL ORS     | COASTAL ORISSA                                       |
|                                                                   | GUJ          | GUJARAT                                              |
|                                                                   | GWB          | GANGETIC WEST BENGAL                                 |
|                                                                   | HARY         | HARYANA                                              |
|                                                                   | DLH          | DELHI                                                |
|                                                                   | HP           | HIMACHAL PRADESH                                     |
|                                                                   | J&K          | JAMMU AND KASHMIR                                    |
|                                                                   | JHRKND       | JHARKHAND                                            |
|                                                                   | KER          | KERALA                                               |
|                                                                   | KKN          | KONKAN                                               |
|                                                                   | LKSDP        | LAKSHADWEEP                                          |
|                                                                   | M MAHA       | MADHYA MAHARASHTRA                                   |
|                                                                   | MAHA         | MAHARASHTRA                                          |
|                                                                   | MANI         | MANIPUR                                              |
|                                                                   | MEGHA        | MEGHALAYA                                            |
|                                                                   | MIZO         | MIZORAM                                              |
|                                                                   | MP           | MADHYA PRADESH                                       |
|                                                                   | MRTHWD       | MARATHWADA                                           |
|                                                                   | NAGA         | NAGALAND                                             |
|                                                                   | N COTL AP    | NORTH COASTAL ANDHRA<br>PRADESH                      |
|                                                                   | NIK          | NORTH INTERIOR KARNATAKA                             |
|                                                                   | ORS          | ORISSA                                               |

|                      |                        |                                  |
|----------------------|------------------------|----------------------------------|
|                      | <b>PJB</b>             | <b>PUNJAB</b>                    |
|                      | <b>RAJ</b>             | <b>RAJASTHAN</b>                 |
|                      | <b>RYLSM</b>           | <b>RAYALASEEMA</b>               |
|                      | <b>SAU &amp; KUTCH</b> | <b>SAURASHTRA &amp; KUTCH</b>    |
|                      | <b>SHWB</b>            | <b>SUB-HIMALAYAN WEST BENGAL</b> |
|                      | <b>SIK</b>             | <b>SOUTH INTERIOR KARNATAKA</b>  |
|                      | <b>SKM</b>             | <b>SIKKIM</b>                    |
|                      | <b>TLNGN</b>           | <b>TELANGANA</b>                 |
|                      | <b>TN</b>              | <b>TAMIL NADU</b>                |
|                      | <b>TRP</b>             | <b>TRIPURA</b>                   |
|                      | <b>UP</b>              | <b>UTTAR PRADESH</b>             |
|                      | <b>UTRKND</b>          | <b>UTTARAKHAND</b>               |
|                      | <b>VID</b>             | <b>VIDHARBHA</b>                 |
|                      | <b>SHWB</b>            | <b>SUB HIMALAYAN WEST BENGAL</b> |
|                      | <b>GWB</b>             | <b>GANGETIC WEST BENGAL</b>      |
|                      | <b>ARSEA</b>           | <b>ARABIAN SEA</b>               |
|                      | <b>ILS</b>             | <b>ISLANDS</b>                   |
| <b>MISCELLANEOUS</b> | <b>ASSW</b>            | <b>IN ASSOCIATION WITH</b>       |
|                      | <b>ASSTD</b>           | <b>ASSOCIATED</b>                |
|                      | <b>LLC</b>             | <b>LOW LEVEL CIRCULATION</b>     |
|                      | <b>EMBDD</b>           | <b>EMBEDDED</b>                  |
|                      | <b>N/HOOD</b>          | <b>NEIGHBOURHOOD</b>             |
|                      | <b>EXT</b>             | <b>EXTREME</b>                   |