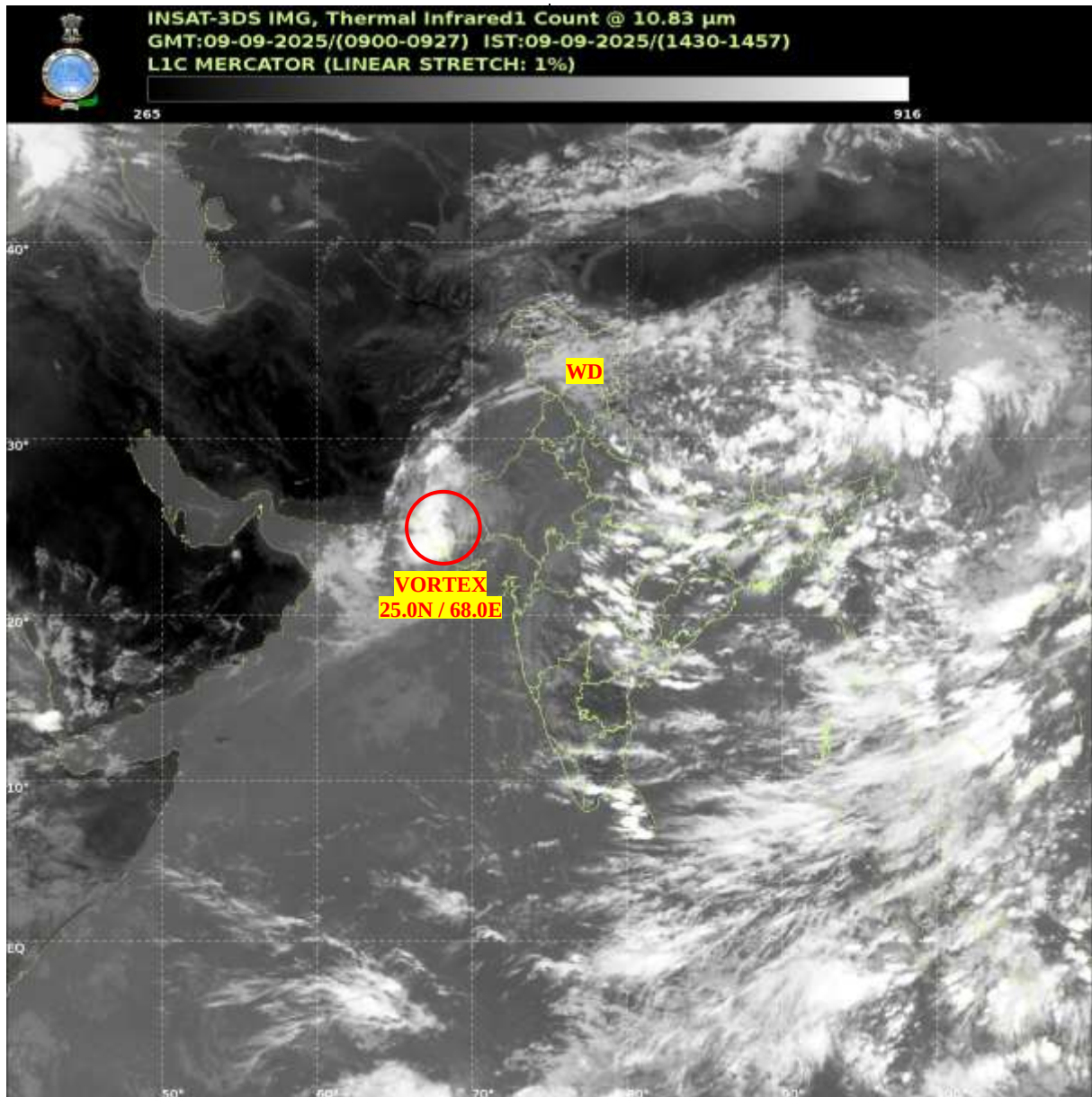




**SATELLITE BULLETIN BASED ON SATELLITE  
IMAGERIES AND PRODUCTS**  
**09.09.2025 TIME 0900 UTC**



TCIN50 DEMS 090900

SATELLITE BULLETIN BASED ON INSAT-3DS PIC OF 090900 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 SOUTH PAKISTAN & N/HOOD:-**

VORTEX OVER SOUTH PAKISTAN & N/HOOD CENTERED WITHIN HALF A DEGREE OF **25.0N/68.0E** (.) ASSTD SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER S PAK ADJ KUTCH AREA & ADJ NE ARSEA (MINIMUM **CTT MINUS 70-90 DEG CEL**) AND MOD TO INT CONVTN OVER REST NORTH ARSEA (MINIMUM **CTT MINUS 50-70 DEG CEL**) (.)

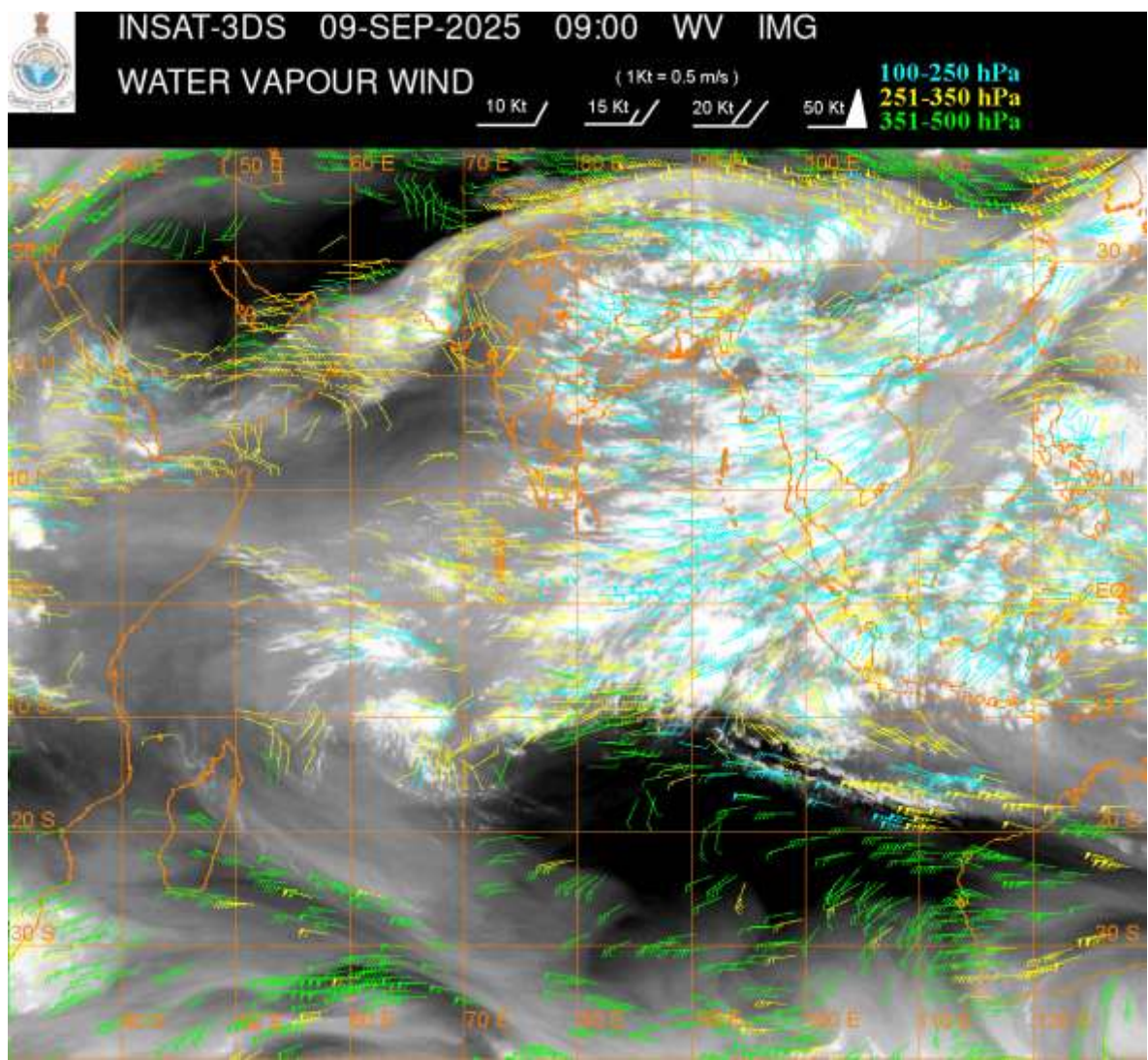
**WESTERN DISTURBANCE:-**

SCT MULTILAYERED CLOUDS OVER NORTH PAK LADAKH J&K HP UTRKND TIBET ADJ CHINA IN ASSW **WD** OVER THE AREA (.)

**CONVECTIVE / THUNDERSTORM ACTIVITY:-**

INTENSE TO VERY INTENSE CONVECTIVE / THUNDERSTORM ACTIVITY OBSERVED OVER EAST UP E MP W KUTCH REGION BHR JHRKND CHTGH N ORS VID TLNGN SHWB ASSAM MEGHA S TN EXTREME W GUJ ANDAMAN & NICOBAR ILS AREA (MINIMUM **CTT MINUS 70-90 DEG CEL**) (.)

**MODERATE TO INTENSE CONVECTIVE / THUNDERSTORM ACTIVITY OBSERVED OVER LADAKH J&K UTRKND W UP CENTRAL MP SKM REST NE STATES S ORS N COTL AP S SIK KER N TN (MINIMUM CTT MINUS 50-70 DEG CEL) (.)**



**CLOUDS DESCRIPTION WITHIN INDIA:-**

**NORTH:-**

**SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN E UP AND MOD TO INT CONVTN OVER LADAKH J&K UTRKND W UP (.) SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER HP N HARY (.) SCT LOW/MED CLOUDS OVER PJB S HARY DLH (.)**

**EAST:-**

**SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER BHR JHRKND CHTGH N ORS SHWB ASSAM MEGHA TRP & BD (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER S ORS GWB SKM REST NE STATES (.)**

**WEST:-**

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

**SOUTH:-**

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

**ARABIAN SEA:-**

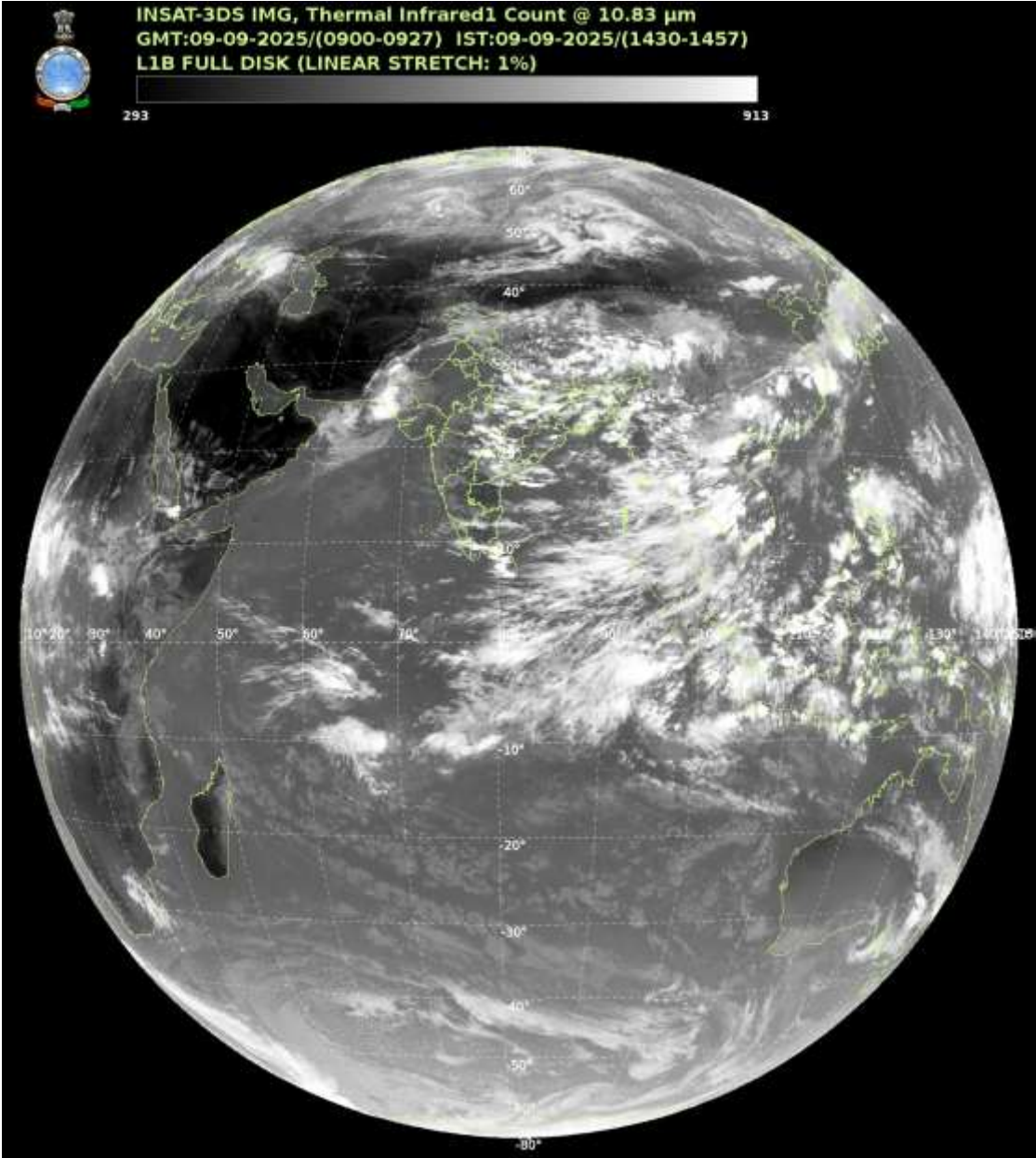
**SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER NORTH ARSEA OFF KUTCH REGION AND MOD TO INT CONVTN OVER REST NORTH ARSEA (.) SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER SE ARSEA LKSDP ILS AREA MALDIVES & COMORIN AREA (.)**

**BAY OF BENGAL & ANDAMAN SEA:-**



SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER SE BAY & ANDAMAN SEA (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER REST BAY (.)

CLOUDS DESCRIPTION OUTSIDE INDIA:-



SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SRILANKA PALK STR PAK NEPAL TIBET CHINA YELLOW SEA EAST CHINA SEA TAIWAN 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 15.0S LONG 50.0E TO 120.0E (.)

TOO 09/1530 EF=

NNNN

LEGEND:-

|        |       |                                                   |
|--------|-------|---------------------------------------------------|
| REGION | NORTH | J&K HP PJB HARY DLH UP UTRKND                     |
|        | EAST  | BHR JHRKND CHTGH ORS WB SKM NORTH- EAST STATES    |
|        | WEST  | RAJ MP GUJ MAHA GOA                               |
|        | SOUTH | TLNGN AP KRNTK KER TN LKSDP ANDAMAN & NICOBAR ILS |

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