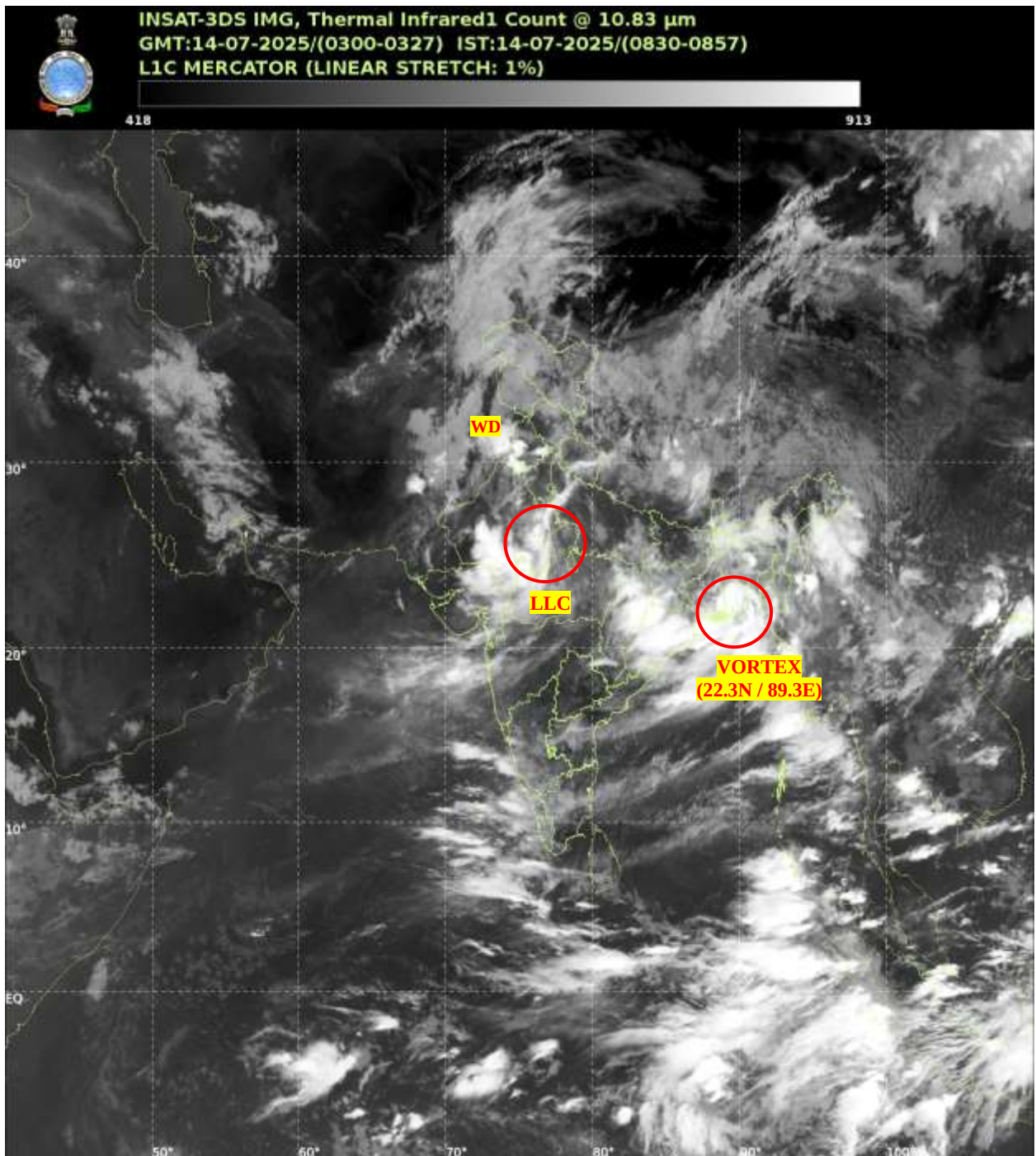




**SATELLITE BULLETIN BASED ON SATELLITE  
IMAGERIES AND PRODUCTS**  
**14.07.2025 TIME 0300 UTC**



TCIN50 DEMS 140300

SATELLITE BULLETIN BASED ON INSAT-3DS PIC OF 140300 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 SW BANGLADESH ADJ GWB & N/HOOD:-**

VORTEX OVER SW BD ADJ GWB & N/HOOD CENTERED WITHIN HALF A DEGREE OF **22.3N/89.3E** (.) ASSTD SCT TO BKN LOW/MED CLOUDS WITH EMBDD INTENSE TO VERY INTENSE CONVECTION OVER ORS GWB SOUTH BANGLADESH AND NORTH BAY (MINIMUM **CTT MINUS 70-90 DEG CEL**) (.)

**LLC OVER NORTH-WEST MADHYA PRADESH ADJ NORTH-EAST RAJASTHAN:-**

LOW LEVEL CIRCULATION (**LLC**) OVER NW MP ADJ NE RAJ & N/HOOD (.) ASSTD SCT TO BKN LOW/MED CLOUDS WITH EMBDD INTENSE TO VERY INTENSE CONVECTION OVER RAJ W MP (MINIMUM **CTT MINUS 70-90 DEG CEL**) AND MOD TO INT CONVTN OVER W UP (MINIMUM **CTT MINUS 40-60 DEG CEL**) (.)

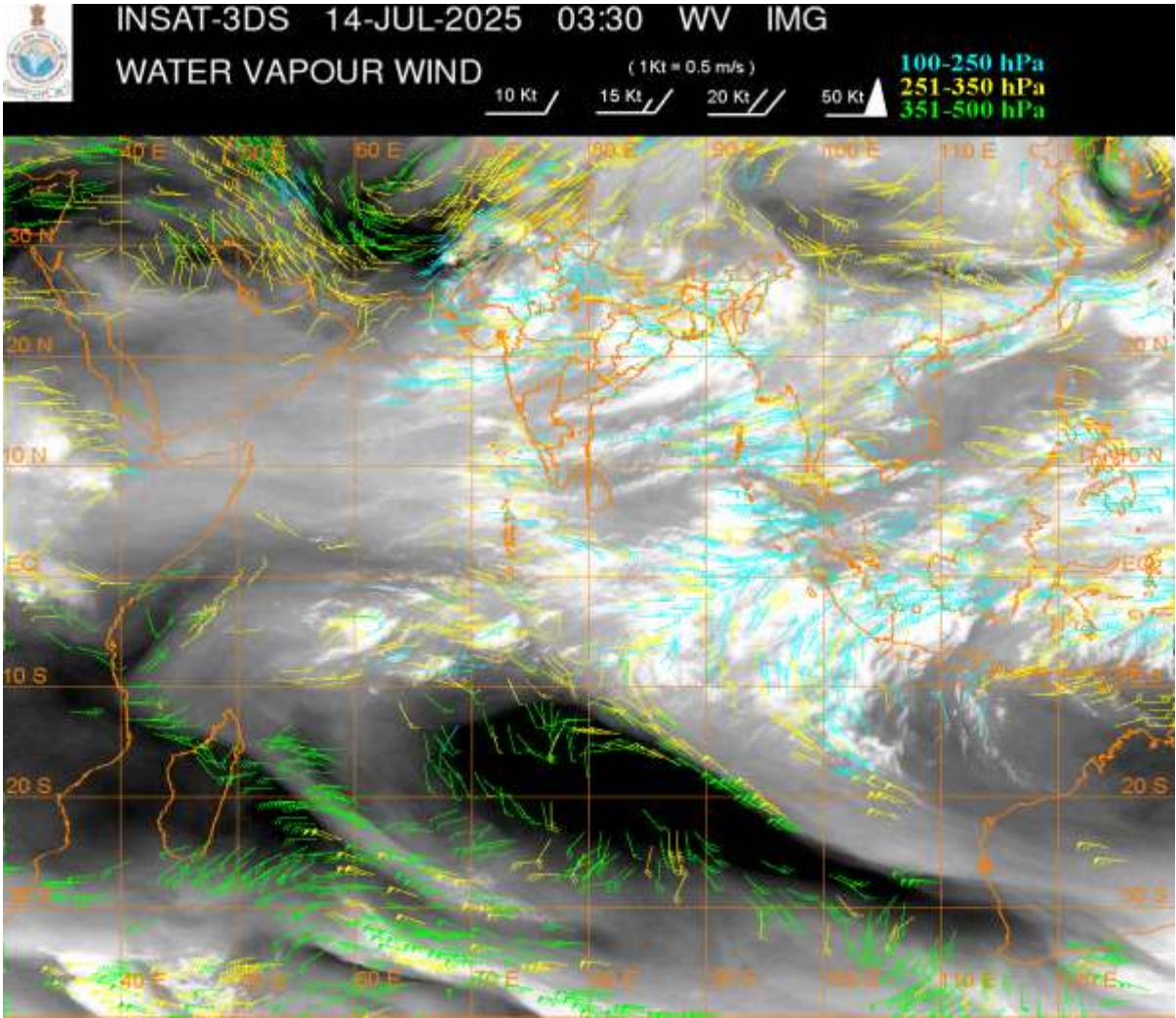
**WESTERN DISTURBANCE:-**

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

**CONVECTIVE / THUNDERSTORM ACTIVITY:-**

INTENSE TO VERY INTENSE CONVECTIVE / THUNDERSTORM ACTIVITY OBSERVED OVER PJB RAJ W MP N CHTGH ORS GWB BD & NICOBAR ILS (MINIMUM **CTT MINUS 70-90 DEG CEL**) (.)

MODERATE TO INTENSE CONVECTIVE / THUNDERSTORM ACTIVITY OBSERVED OVER UTRKND NW UP E MP S CHTGH JHRKND SHWB NE STATES GUJ N KKN COTL KRNTK KER LKSDP ILS & ANDAMAN ILS (MINIMUM **CTT MINUS 50-70 DEG CEL**) (.)



**CLOUDS DESCRIPTION WITHIN INDIA:-**

**NORTH:-**

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER PJB (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER UTRKND NW UP WC HARY AND WK TO MOD CONVTN OVER LADAKH J&K HP REST HARY DLH (.)

**EAST:-**

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

**WEST:-**

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER RAJ W MP (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER E MP GUJ NORTH KKN AND ISOL WK TO MOD CONVTN OVER REST MAHA GOA (.)

**SOUTH:-**

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

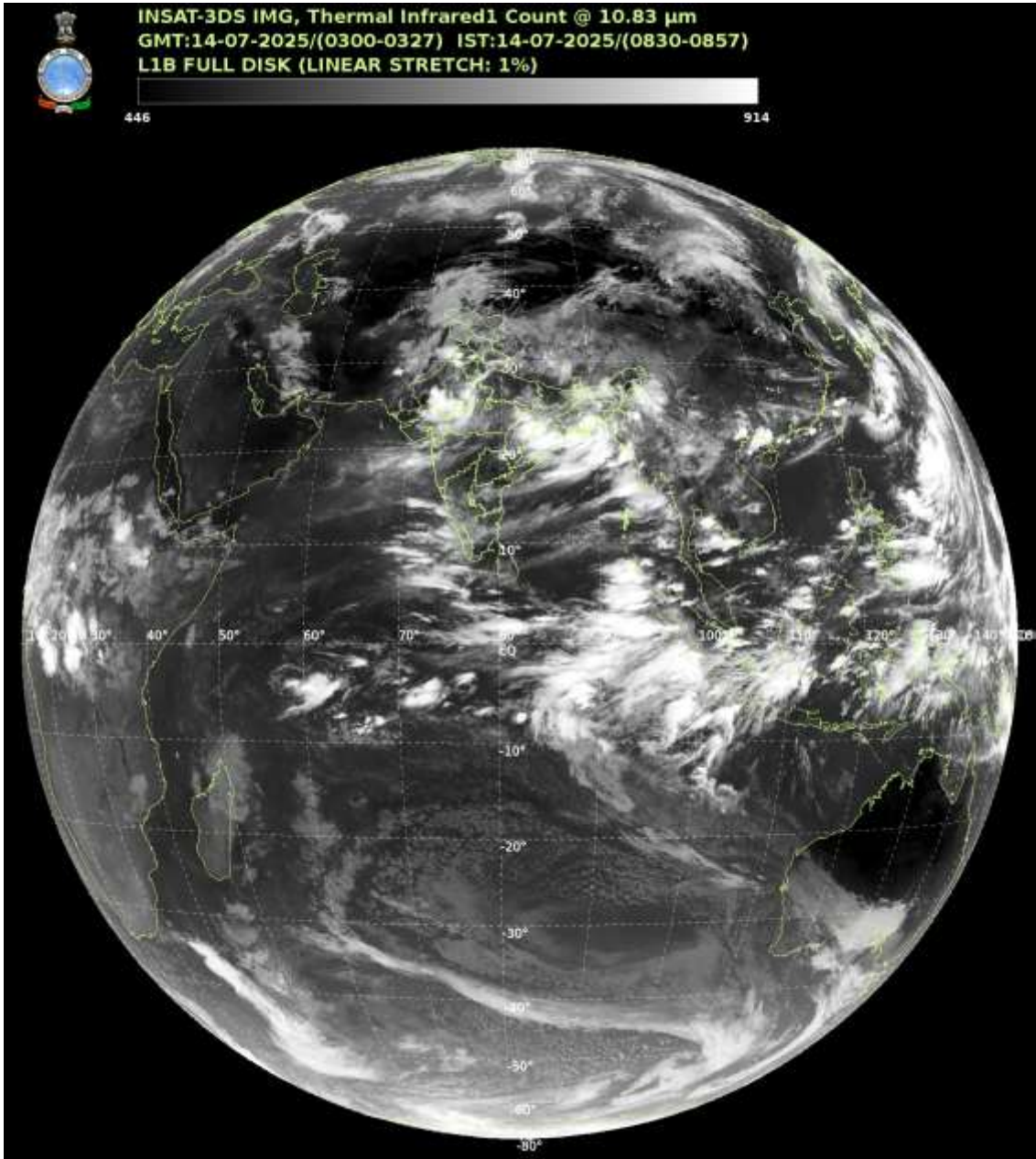
**ARABIAN SEA:-**

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

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

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

**CLOUDS DESCRIPTION OUTSIDE INDIA:-**



SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER GULF OF MANNAR MALDIVES PAK NEPAL BHUTAN TIBET CHINA YELLOW SEA EAST CHINA SEA TAIWAN MYANMAR THAILAND GULF OF THAILAND CAMBODIA LAOS VIETNAM GULF OF TONKIN SUMATRA STR OF MALACCA MALAYSIA BORNEO SOUTH CHINA SEA JAVA ILS & SEA CELEBES ILS & SEA PHILIPPINES AND OVER INDIAN OCEAN BET LAT 5.0N TO 15.0S LONG 55.0E TO 105.0E (.)

TOO 14/1010 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                      |

|                      |                        |                                  |
|----------------------|------------------------|----------------------------------|
|                      | <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>                   |