

COSPAS-SARSAT
NUMBER OF CONFIRMED
ALERTS IN SOUTHERN AFRICA

STEVEN LETT
HEAD OF SECRETARIAT

COSPAS-SARSAT SAVES LIVES

SINCE THE FIRST RESCUE AIDED BY COSPAS-SARSAT ON 10 SEPTEMBER 1982:
COSPAS-SARSAT HAS AIDED IN THE RESCUE OF

35 000 PEOPLE!



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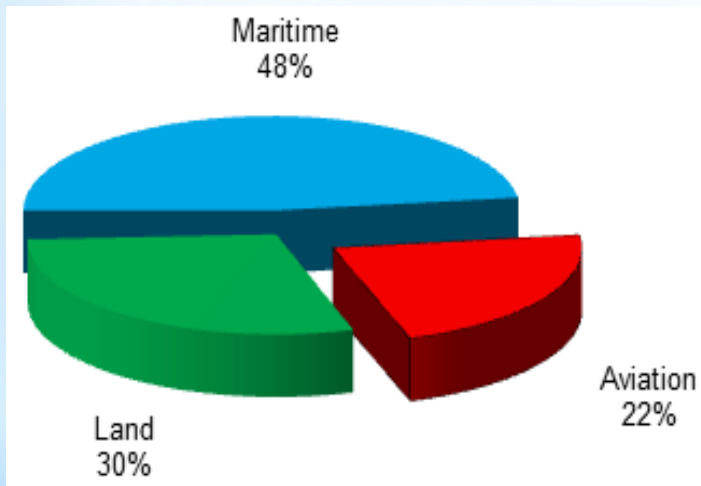
COSPAS-SARSAT SAVES LIVES

- ❑ In **2012**, Cospas-Sarsat alert data assisted in **634 distress incidents** in which **2,029 persons** were rescued.
- ❑ The **406-MHz beacon** population will reach over **1.4 million units** during 2013, more than double the population in 2007!



DISTRIBUTION OF EVENTS

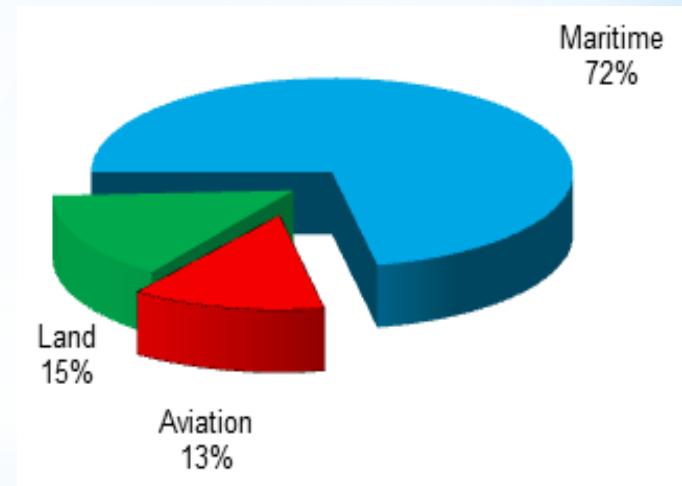
Distribution of SAR Events Assisted by Cospas-Sarsat (Jan. - Dec. 2012)



Total: 634 SAR Events

(283 Events Where Cospas-Sarsat Provided the First Alert; 111 Where It Provided the Only Alert)

Distribution of Persons Rescued with Assistance of Cospas-Sarsat (Jan. - Dec. 2012)



Total: 2,029 Persons



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IF COSPAS-SARSAT SAVES LIVES...

WHAT IS THE MATTER WITH THIS
PICTURE?



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IF COSPAS-SARSAT SAVES LIVES...

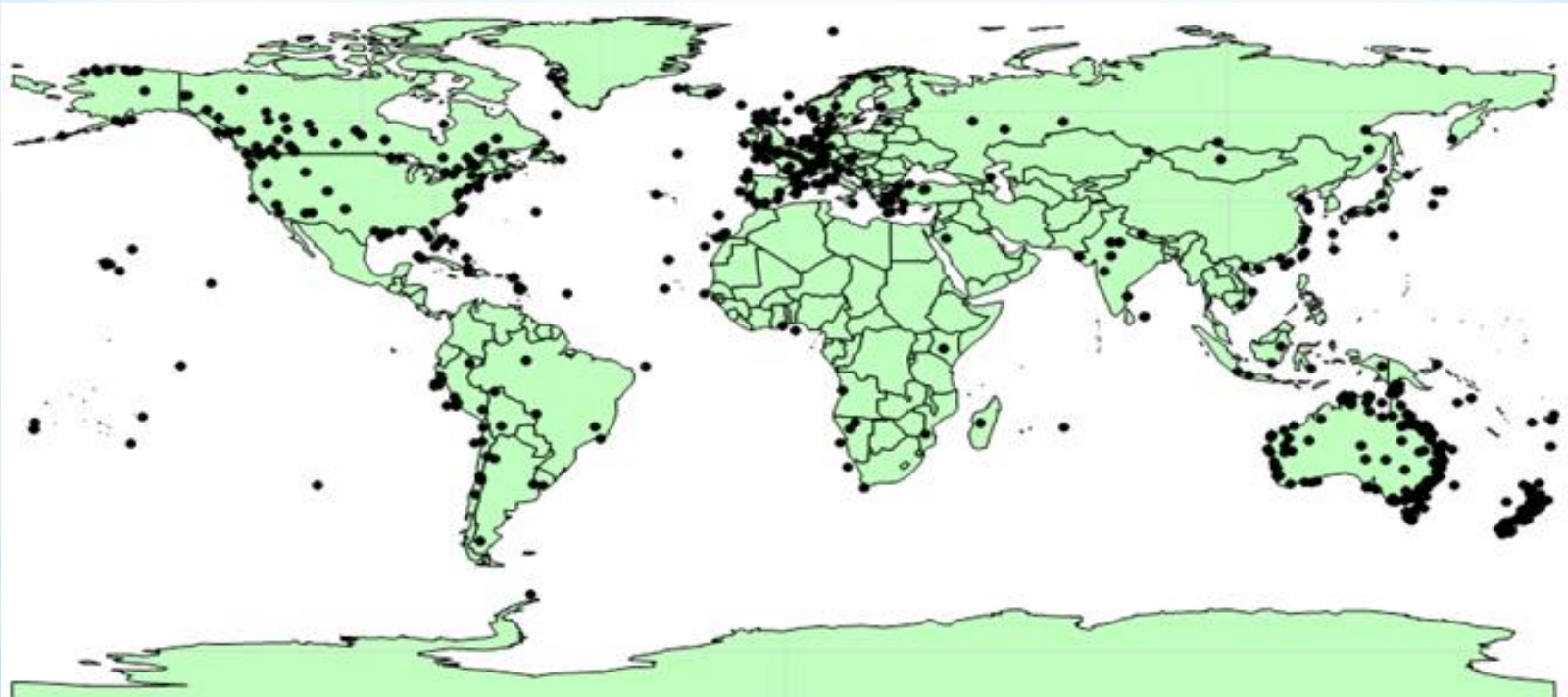


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IF COSPAS-SARSAT SAVES LIVES...

GEOGRAPHIC DISTRIBUTION OF CONFIRMED SAR EVENTS
ASSISTED BY COSPAS-SARSAT IN 2012

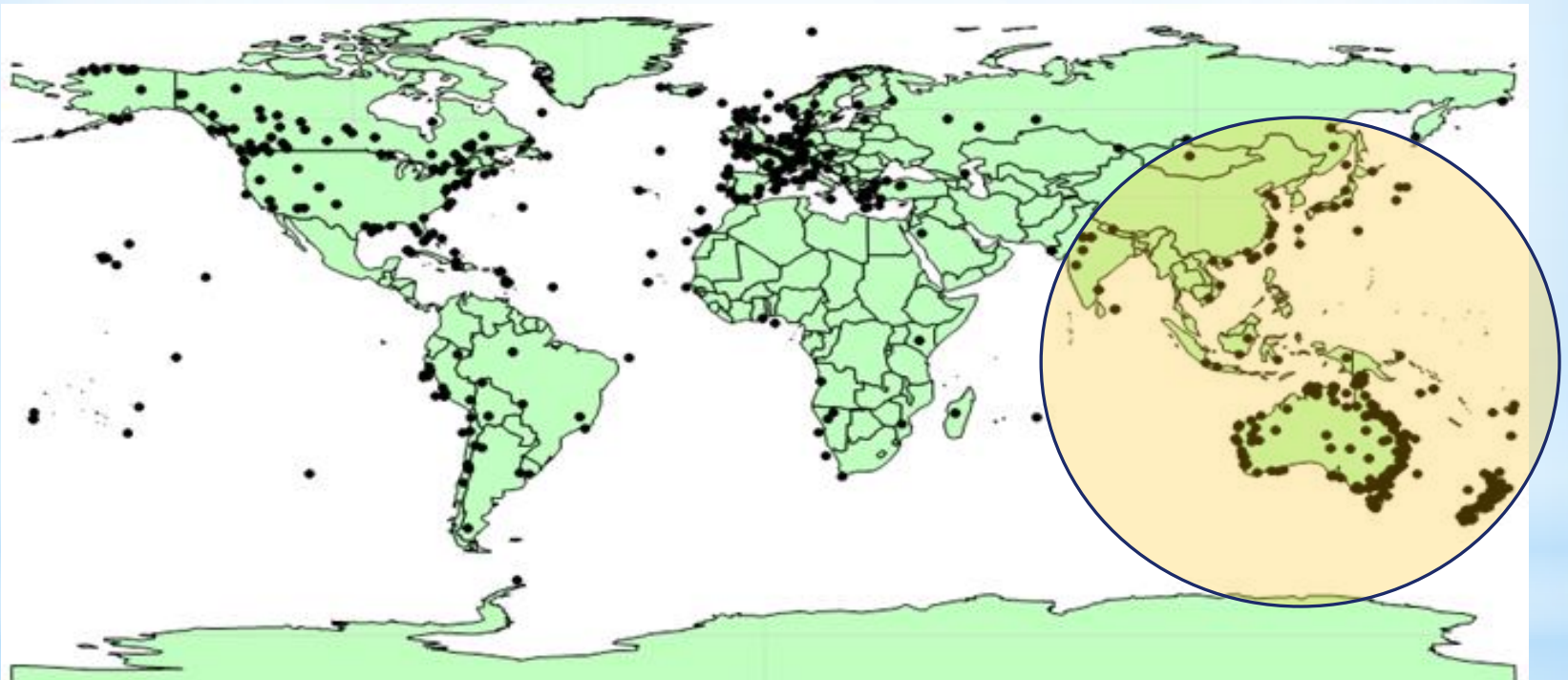


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IF COSPAS-SARSAT SAVES LIVES...

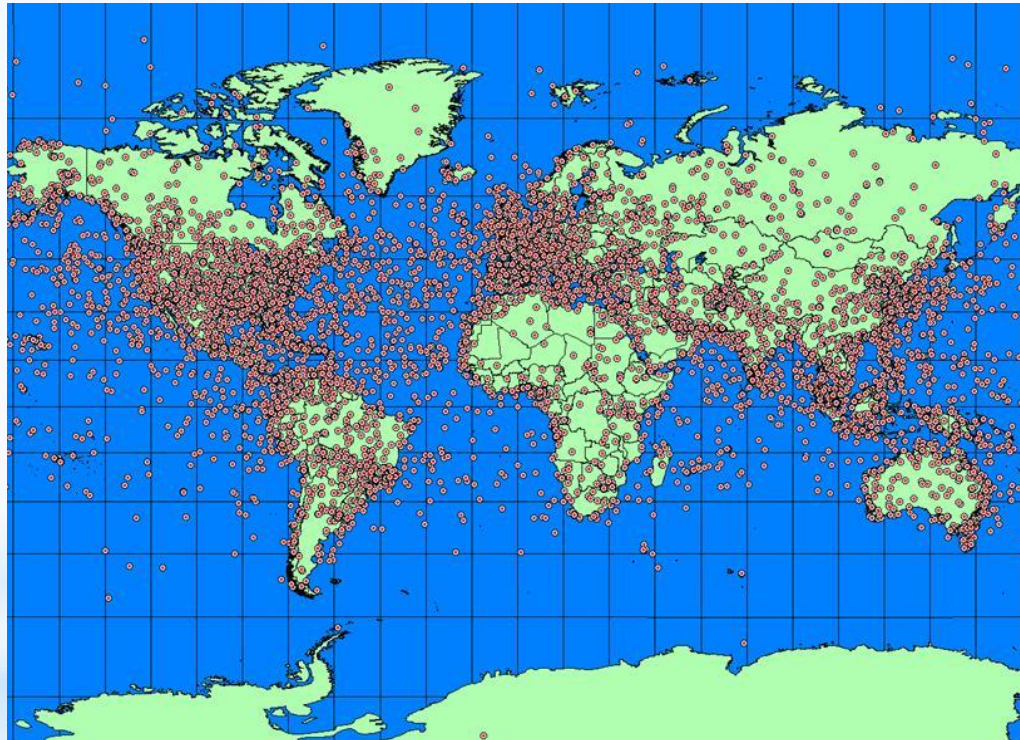
GEOGRAPHIC DISTRIBUTION OF CONFIRMED SAR EVENTS
ASSISTED BY COSPAS-SARSAT IN 2012



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IF COSPAS-SARSAT SAVES LIVES...

16 347 BEACON ACTIVATIONS WORLDWIDE (USMCC DATA) AND
≈3 764 IN THE REGION

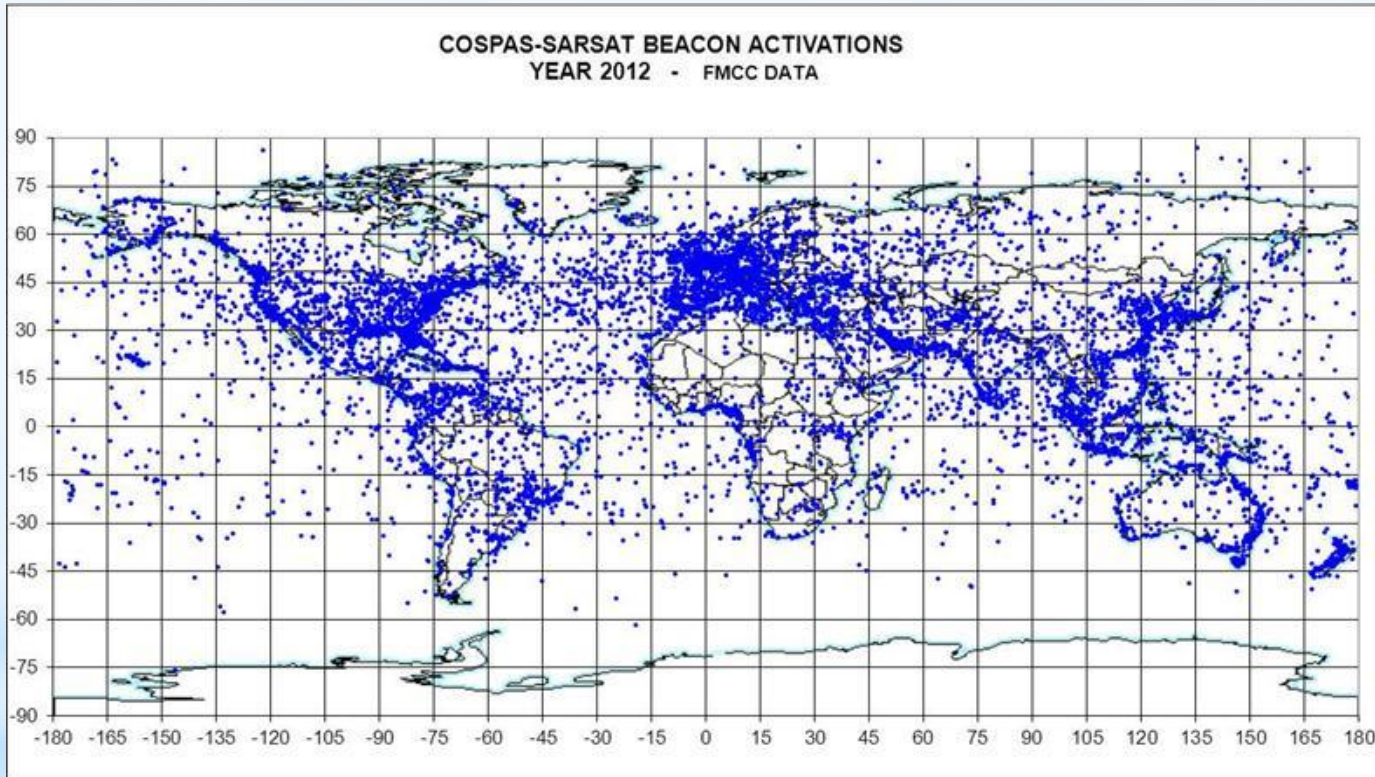


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IF COSPAS-SARSAT SAVES LIVES...

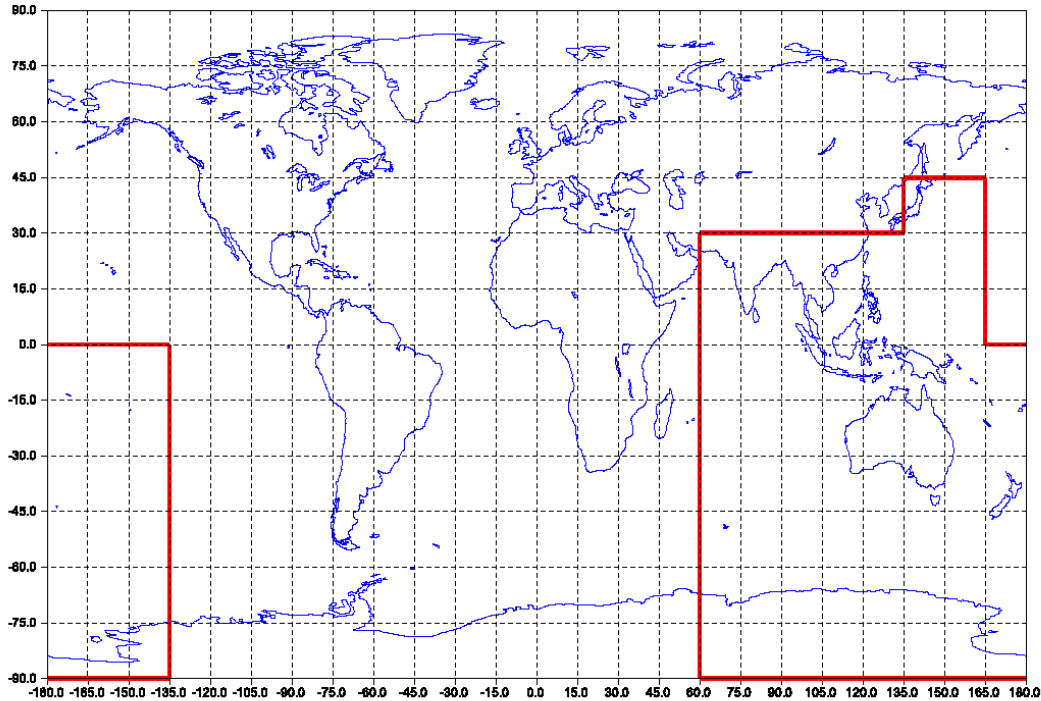
14 761 BEACON ACTIVATIONS WORLDWIDE (FMCC DATA) AND
≈3 633 IN THE REGION



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AREA REVIEWED



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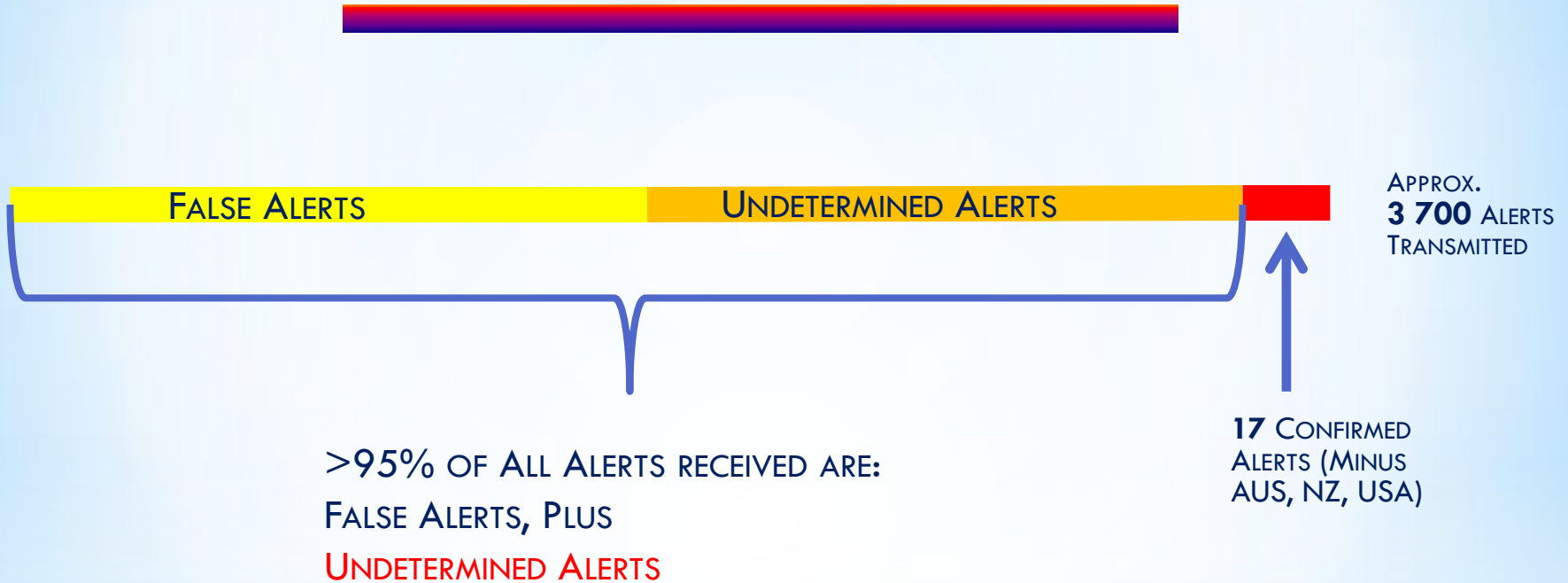
CONFIRMED ALERTS IN AREA REVIEWED

Country	Number of Confirmed SAR Events with the Respective Country-Code			
	Aviation	Maritime	Land	Total
Australia	7	112	74	193
Bangladesh				
Cambodia				
Hong Kong, China		1		1
France/New Caledonia				
India	3	1		4
Indonesia	2	2		4
Japan		5		5
Malaysia				
Maldives				
Nepal	1 (data not used in SAR)			
New Zealand	6	12	83	101
Oman				
Philippines				
Singapore				
Sri Lanka				
Thailand				
USA	13	43	26	82
Vietnam		3		3



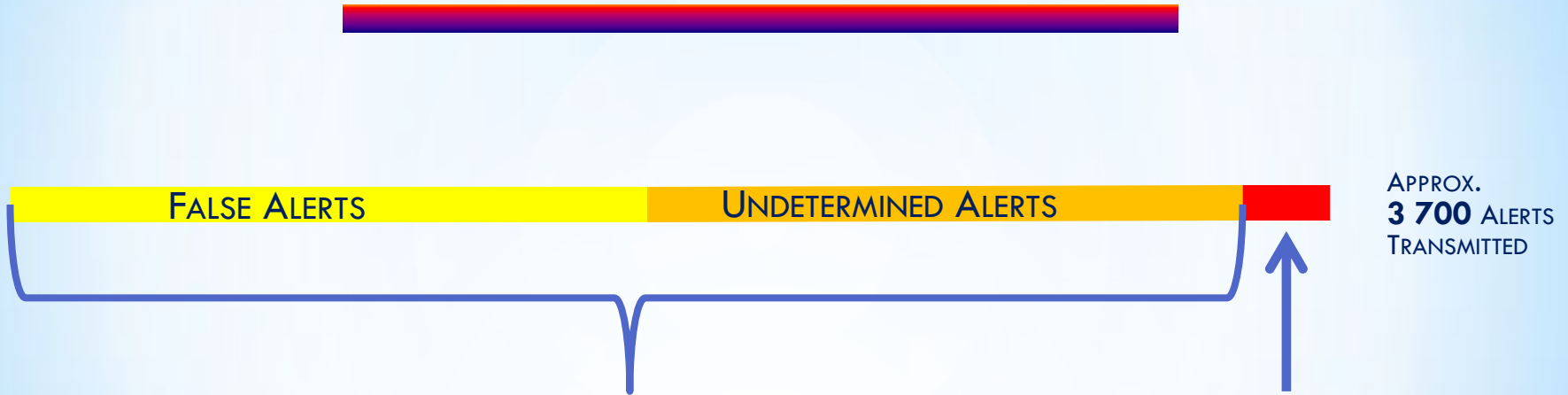
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DISPOSITION OF TOTAL ALERTS



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DISPOSITION OF TOTAL ALERTS



>95% OF ALL ALERTS RECEIVED ARE:
FALSE ALERTS, PLUS
UNDETERMINED ALERTS

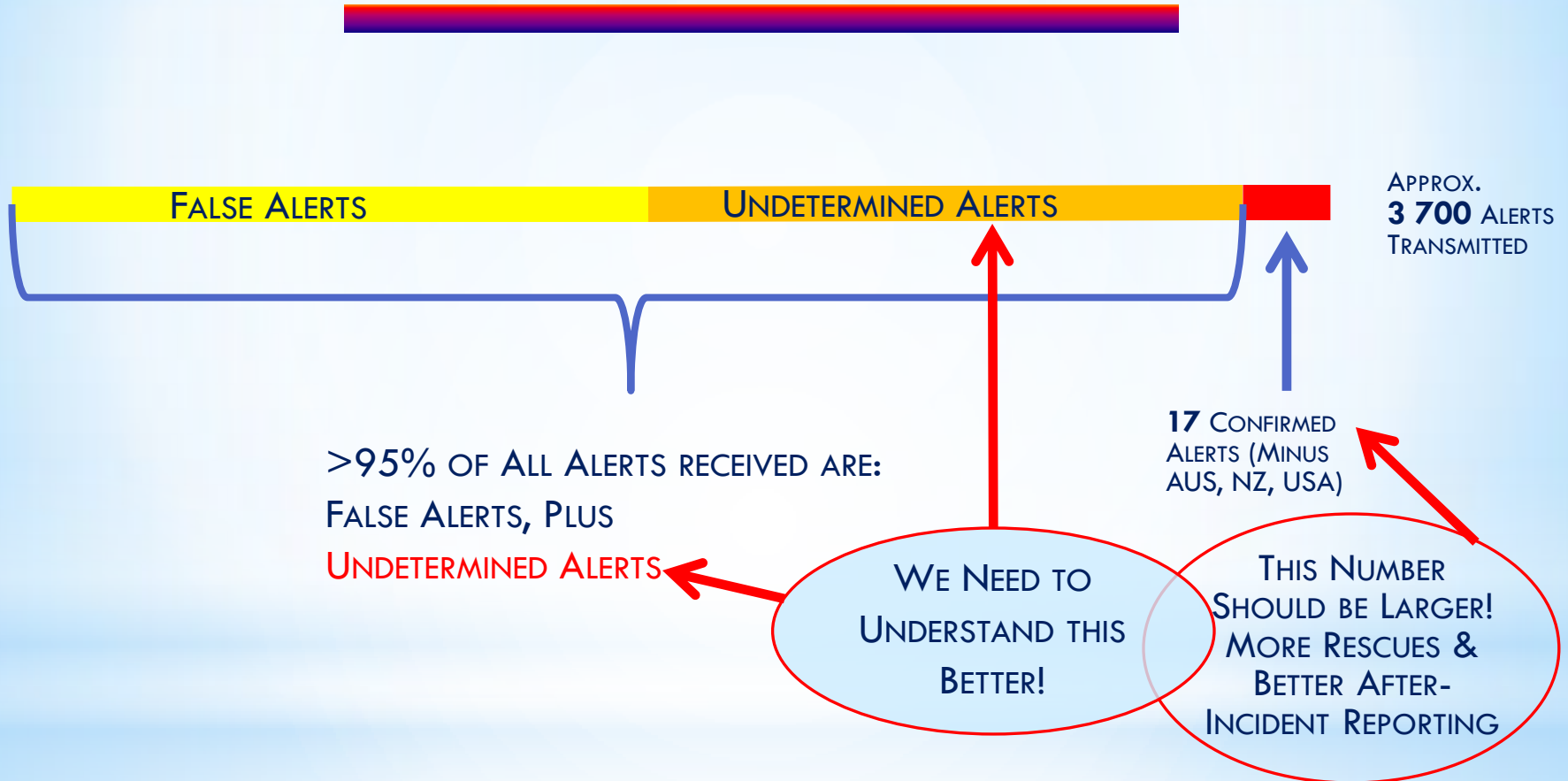
17 CONFIRMED
ALERTS (MINUS
AUS, NZ, USA)

THIS NUMBER
SHOULD BE LARGER!
MORE RESCUES &
BETTER AFTER-
INCIDENT REPORTING



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DISPOSITION OF TOTAL ALERTS



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POTENTIAL EXPLANATIONS FOR LOW RATE OF CONFIRMED ALERTS

- LOW RATE OF BEACON OWNERSHIP
- ALTERNATIVE MEANS OF DISTRESS ALERTING (MOBILE PHONE, VHF, MF, INMARSAT, IRIDIUM [SPIDER TRACKS, ETC.]
- COMMUNICATION PROBLEMS IN GETTING ALERTS TO SAR RESPONDERS
- INADEQUATE SAR RESPONSE RESOURCES
- INADEQUATE REPORTING OF SAR RESPONSE FINDINGS?



POTENTIAL SOLUTIONS FOR LOW RATE OF CONFIRMED ALERTS

- IMPROVE BEACON OWNERSHIP WITH AWARENESS CAMPAIGNS AND REDUCED COST BEACONS
- IMPROVE COMMUNICATIONS AND CONFIRM THE IMPROVEMENT THROUGH SUCCESSFUL TEST CALL RESULTS
- WORK WITH ICAO, IMO AND OTHER AGENCIES TO IMPROVE SAR CAPACITY
- IMPROVE REPORTING OF SAR RESPONSE FINDINGS

THIS IS VERY IMPORTANT: BY REPORTING TO YOUR SUPPORTING MCC THE FINDINGS FROM ALERTS YOU BUILD THE CREDIBILITY TO REQUEST MORE RESOURCES.



OTHER SOLUTIONS

WE NEED TO HEAR FROM YOU!



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