CARB - Channel Availability and Receipt Broadcast

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Only a few countries still use CARB. The only countries that are known to me are The Netherlands, Italy, Portugal, NATO in Italy, and Turkey. The Belgian and British navies do not use it anymore.

CARB is the abbreviation for Channel Availability and Receipt Broadcast. The messages display all channels of the station with the indication whether a channel is free or not.

The LEGEND is sent every so often. This is the explanation of the characters in the CARBs. Example: TBB046I means that channel 046 of callsign TBB is free and TBB046B means the channel is busy. The legend is only used on STANAG 4285 channels.

LEGEND:

I(N) **IDLF** В **BUSY** BQ **BUSY (ARQ)** U **UNREADABLE** Κ **TRANSMIT** REPEAT M N(01-99) **RETRANSMIT** AS WAIT R **RECEIVED** C(2-16)**CHECK**

You will see that there are also QSL's and QRV messages. They appear as soon as another station (usually a ship) asks for a frequency or when it has established a connection. Furthermore, the Z code ZES# is often used to indicate the reception quality of the received message. I have listed a number of messages in which the status of a few channels changes. Note that not all stations are using these codes. The messages below were transmitted by the Turkish navy.

Dutch Navy, Den Helder, FSK 75Bd/850Hz

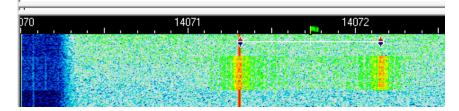
A RTTY CARB looks like this: 02A 04B 06A 08B 12A PBB

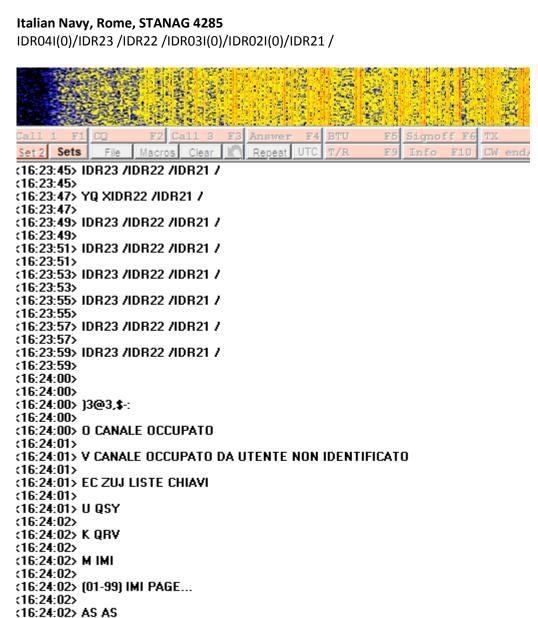
The numbers represent the channels in MHz and at the end callsign PBB. Below I mention all known channel numbers with corresponding frequencies. Not all of them are used. All frequencies are USB center frequencies.

Ship frequencies:	Ship frequencies:	PBB CARB RTTY frequencies:
02A - 2121.4 kHz	06B - 6242 kHz	4280, 5667, 6358.5, 8439, 12577, 12840.7 kHz
02B - 2259.4 kHz	08A - 8321 kHz	
04A - 4155 kHz	08B - 8324 kHz	
04B - 4161 kHz	08C - 8337.5 kHz	
04C - 4171.5 kHz	12B - 12375.5 kHz	
06A - 6237.5 kHz	17B - 16576 kHz	

02A	04B	06A	08B	12A	PBB
02A	04B	06A	08B	12A	
02A	04B	06A	08B	12A	PBB
02A	04B	06A	08B	12A	
02A	04B	06A	08B	12A	PBB
I					

(16:24:02> (16:24:02> R QSL (16:24:02>





Portuguese Navy, Lisbon, STANAG 4285

0929Z//CTP93I/CTP94I/CTP95I/CTP96I//

Turkish Navy, Istanbul, STANAG 4285

//TBB044I(0)/TBB046B/TBB049I(0)//

NATO Allied Joint Force Command, Napoli (via IDR), STANAG 4285

NSS3CB/NSS4I(0)/NSS5I(0)/NSS2I(0)/ I(N) IDLE B BUSY BQ BUSY (ARQ) U UNREADABLE K TRANSMIT M REPEAT N(01-99) RETRANSMIT AS WAIT R RECEIVED C(2-16) CHECK

