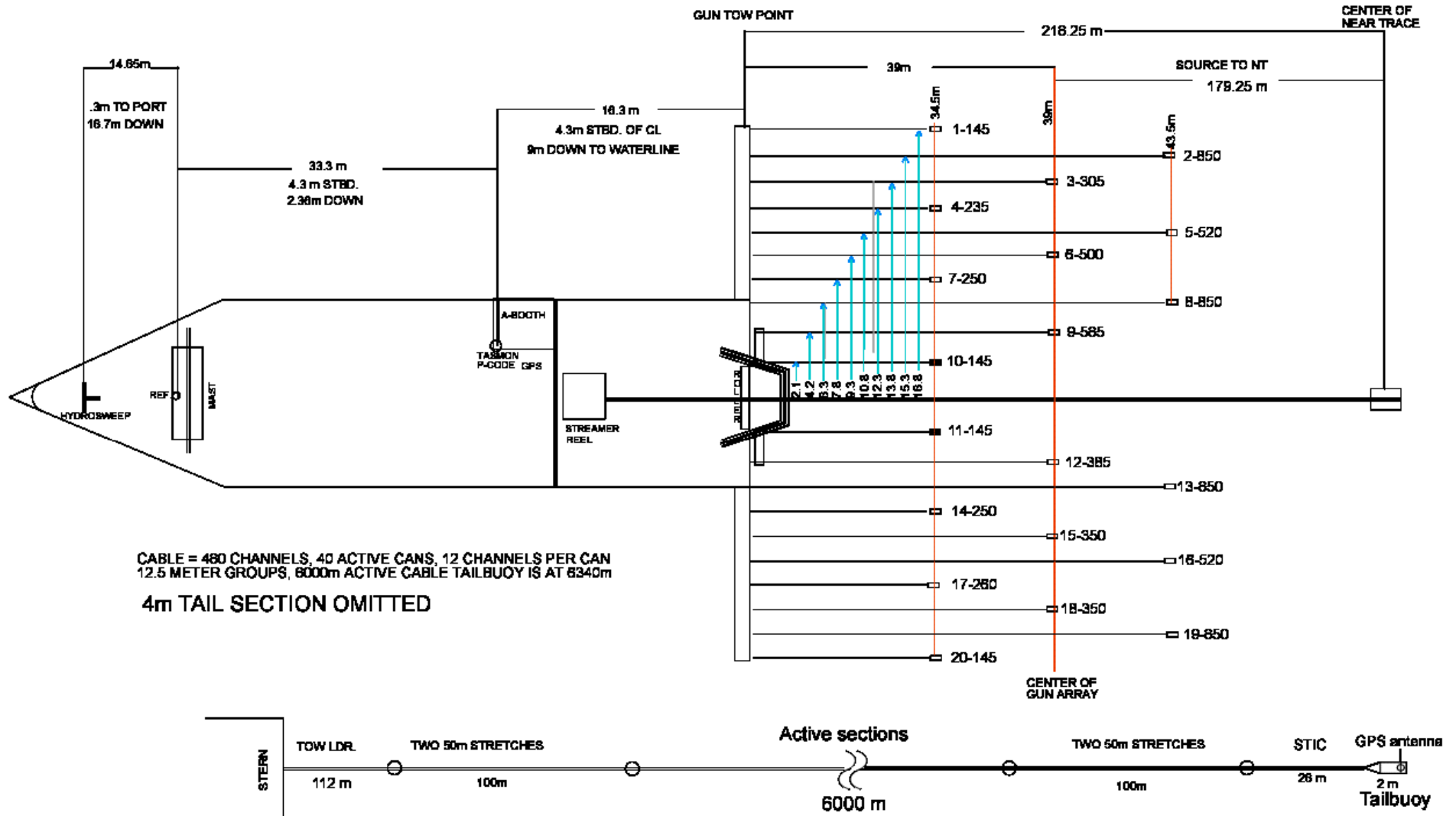


EW-0210 Lizarralde

MAURICE EWING MCS SETBACK AND OFFSET DIAGRAM

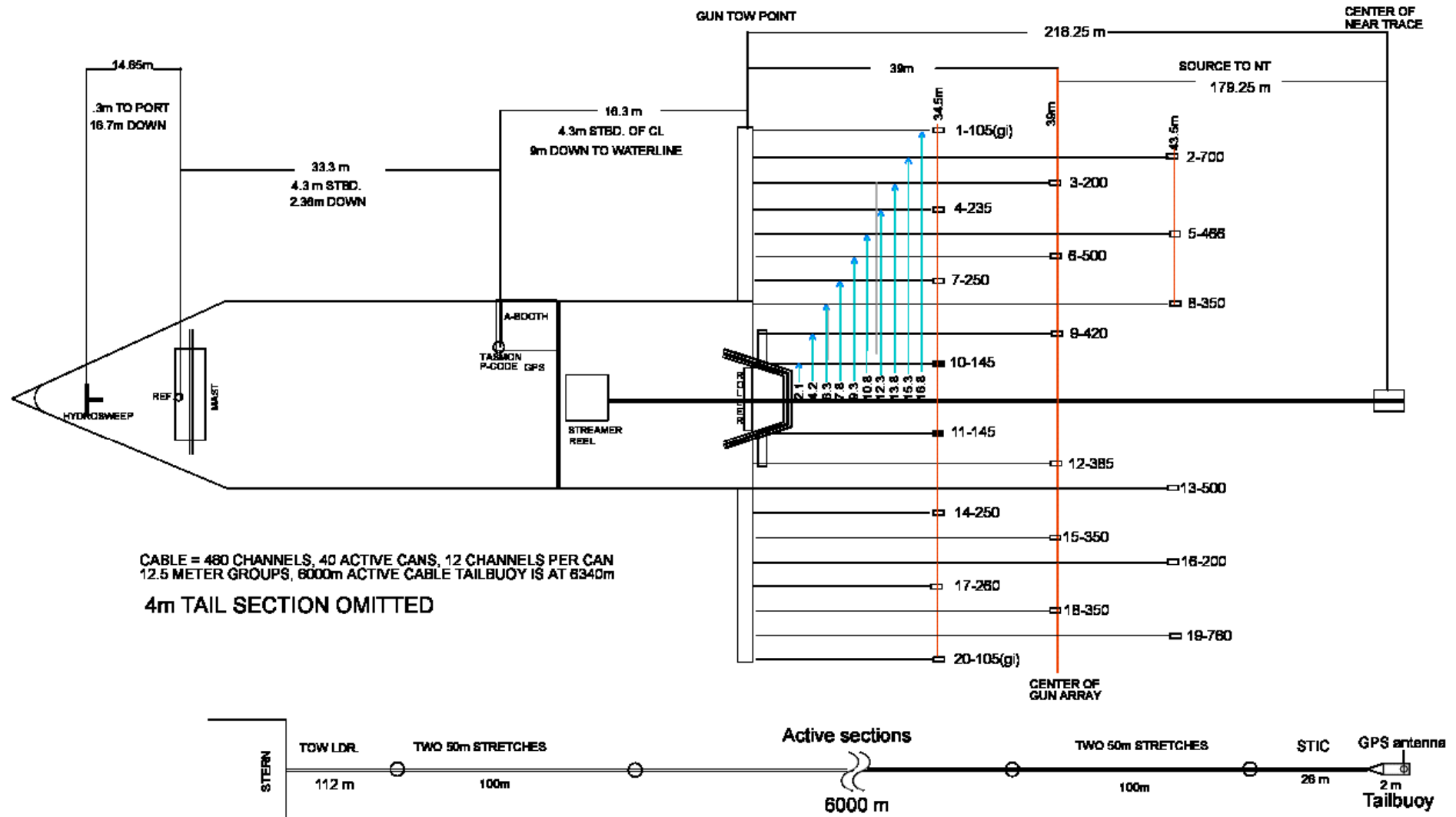


GUNS ARE FIRED WHEN REF. POINT AT THE MAST IS OVER THE PRE-PLOTTED SHOTPOINT.

SCI OFF CHRIS LEIDHOLD 18 SEPT. 2002

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MAURICE EWING MCS SETBACK AND OFFSET DIAGRAM



FOR LINES 1-5 THE GUNS WERE FIRED WHEN THE CENTER OF THE GUN ARRAY WAS OVER PRE-PLOTTED SHOTPOINT 55.3 METERS BACK FROM THE PRIMARY NAV SOURCE.

FOR LINES 6 ON THE GUNS WERE FIRED WHEN REF. POINT AT THE MAST WAS OVER THE PRE-PLOTTED SHOTPOINT.

SCI OFF CHRIS LEIDHOLD 18 SEPT. 2002

GUNS 5 AND 18 WERE REDUCED FROM 520 cu INCH TO 80 EACH AFTER LINE 13 SO TOTAL VOLUME WENT FROM 8490cu INCHES TO 7810 cu INCHES