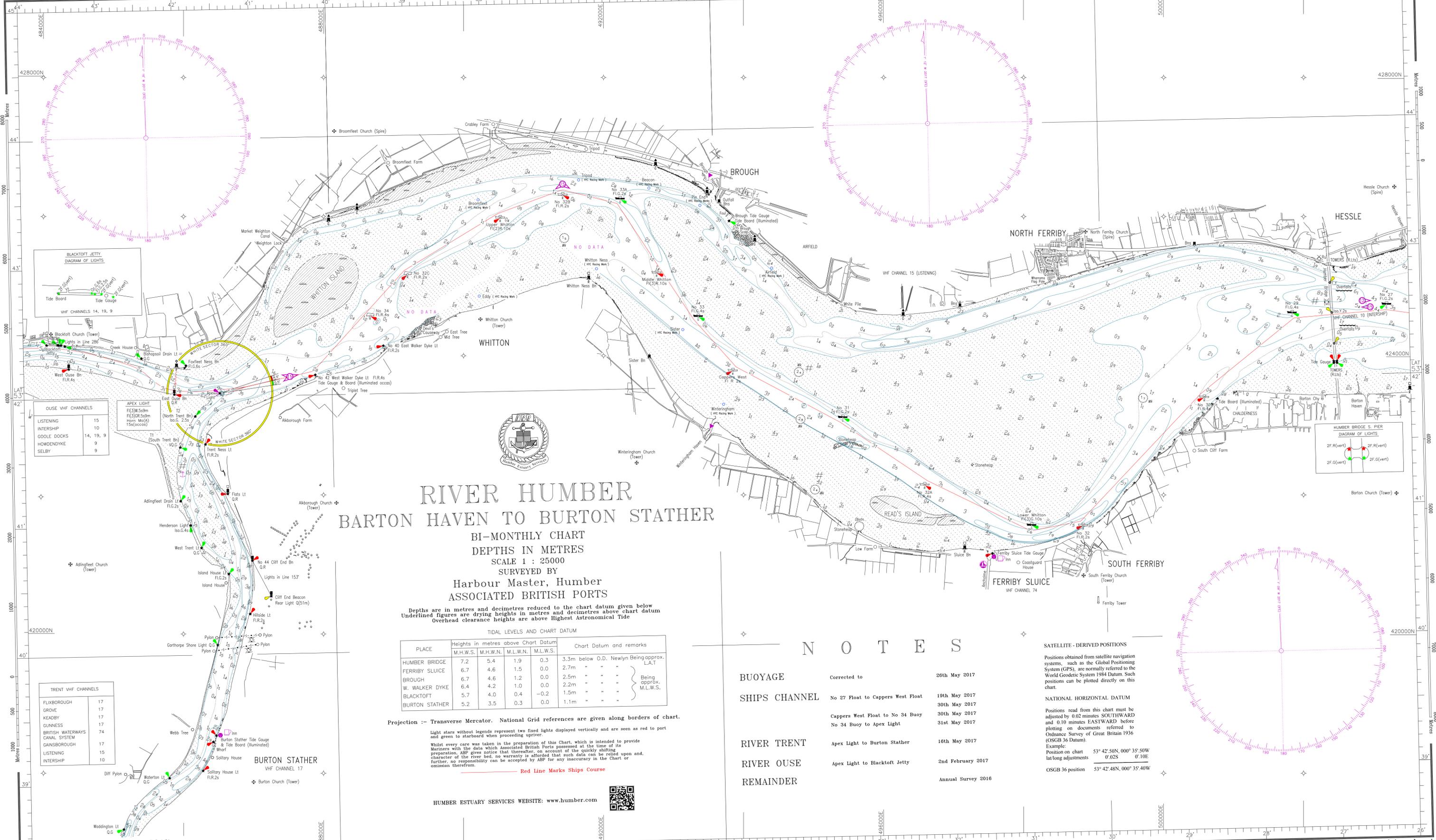


WGS 84 POSITIONS can be plotted directly on this chart



RIVER HUMBER BARTON HAVEN TO BURTON STATHER

BI-MONTHLY CHART
DEPTHS IN METRES
SCALE 1 : 25000

SURVEYED BY
Harbour Master, Humber
ASSOCIATED BRITISH PORTS

Depths are in metres and decimetres reduced to the chart datum given below
Underlined figures are drying heights in metres and decimetres above chart datum
Overhead clearance heights are above Highest Astronomical Tide

TIDAL LEVELS AND CHART DATUM

PLACE	Heights in metres above Chart Datum				Chart Datum and remarks
	M.H.W.S.	M.H.W.N.	M.L.W.N.	M.L.W.S.	
HUMBER BRIDGE	7.2	5.4	1.9	0.3	3.3m below O.D. Newlyn Being approx. L.A.T.
FERRIBY SLUICE	6.7	4.6	1.5	0.0	2.7m " " "
BROUGH	6.7	4.6	1.2	0.0	2.5m " " "
W. WALKER DYKE	6.4	4.2	1.0	0.0	2.2m " " "
BLACKTOFT	5.7	4.0	0.4	-0.2	1.5m " " "
BURTON STATHER	5.2	3.5	0.3	0.0	1.1m " " "

Projection :- Transverse Mercator. National Grid references are given along borders of chart.

Light stars without legends represent two fixed lights displayed vertically and are seen as red to port and green to starboard when proceeding upriver.
Whilst every care was taken in the preparation of this Chart, which is intended to provide Mariners with the data which Associated British Ports possessed at the time of its preparation, ABP gives notice that thereafter, on account of the quickly shifting character of the river bed, no warranty is afforded that such data can be relied upon and, further, no responsibility can be accepted by ABP for any inaccuracy in the Chart or omission therefrom.

Red Line Marks Ships Course

HUMBER ESTUARY SERVICES WEBSITE: www.humber.com



N O T E S

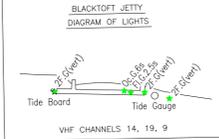
- BUOYAGE** Corrected to **28th May 2017**
- SHIPS CHANNEL**
 - No 27 Float to Cappers West Float **19th May 2017**
 - Cappers West Float to No 34 Buoy **30th May 2017**
 - No 34 Buoy to Apex Light **31st May 2017**
- RIVER TRENT** Apex Light to Burton Stather **16th May 2017**
- RIVER OUSE** Apex Light to Blacktoft Jetty **2nd February 2017**
- REMAINDER** Annual Survey 2016

SATELLITE - DERIVED POSITIONS

Positions obtained from satellite navigation systems, such as the Global Positioning System (GPS), are normally referred to the World Geodetic System 1984 Datum. Such positions can be plotted directly on this chart.

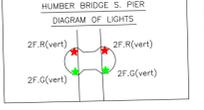
NATIONAL HORIZONTAL DATUM

Positions read from this chart must be adjusted by 0.02 minutes SOUTHWARD and 0.10 minutes EASTWARD before plotting on documents referred to Ordnance Survey of Great Britain 1936 (OSGB 36 Datum).
Example:
Position on chart 53° 42'.50N, 000° 35'.50W
lat/long adjustments 0'.02S 0'.10E
OSGB 36 position 53° 42'.48N, 000° 35'.40W



OUSE VHF CHANNELS

LISTENING	15
INTERSHIP	10
GOOLE DOCKS	14, 19, 9
HOWDEN/YKE	9
SELBY	9

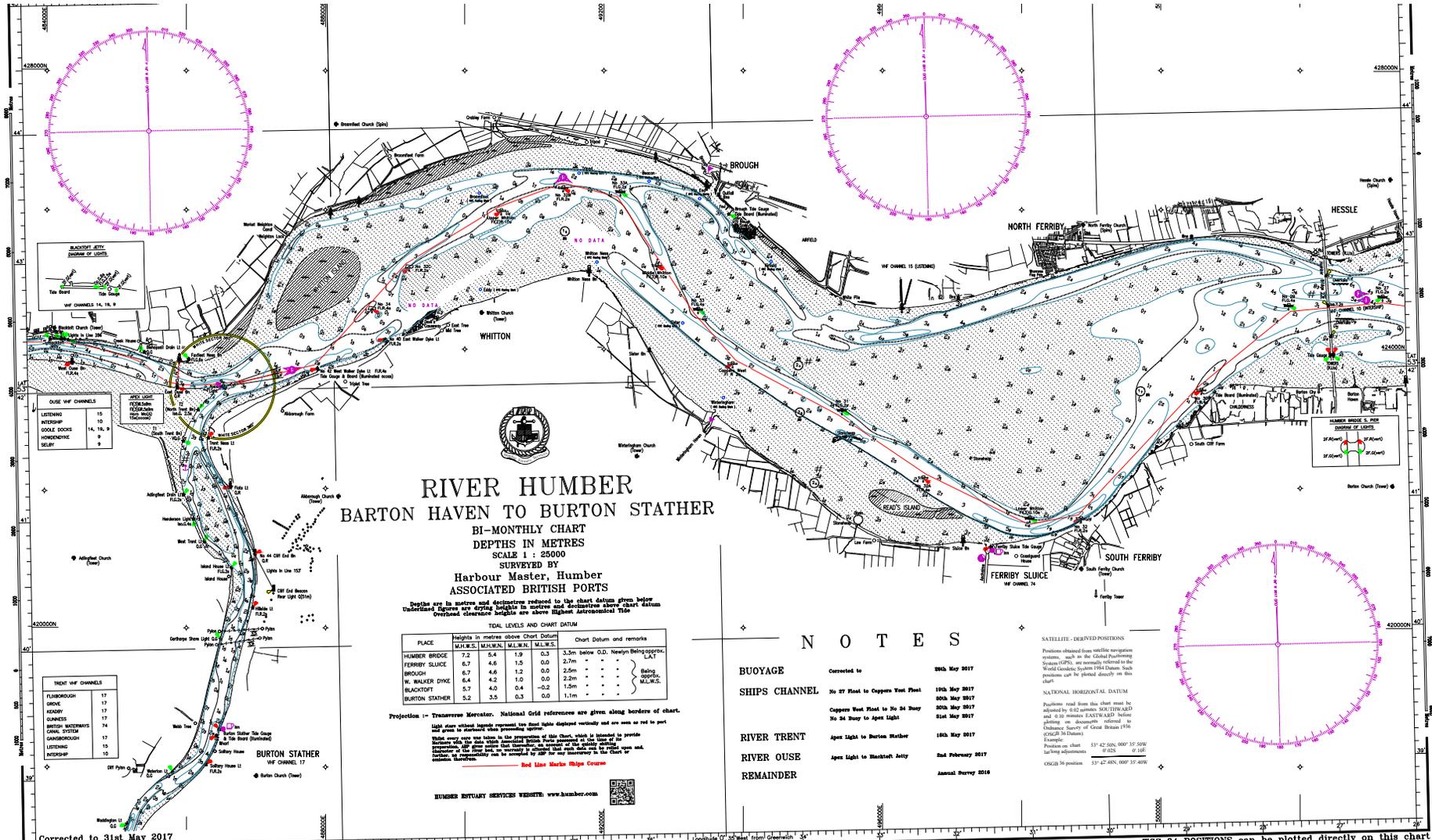


TRENT VHF CHANNELS

FLIMBOROUGH	17
GROVE	17
KEADBY	17
KEADNESS	17
BRITISH WATERWAYS CANAL SYSTEM	74
GAINSBOROUGH	17
LISTENING	15
INTERSHIP	10

Corrected to 31st May 2017

WGS 84 POSITIONS can be plotted directly on this chart



RIVER HUMBER BARTON HAVEN TO BURTON STATHER

BI-MONTHLY CHART
DEPTHS IN METRES
SCALE 1 : 25000
SURVEYED BY
Harbour Master, Humber
ASSOCIATED BRITISH PORTS

Depths are in metres and declivities reduced to the chart datum given below
Underlined figures are drying heights in metres and declivities above chart datum
Overhead clearance heights are shown Highest Astronomical Tide

TIDAL LEVELS AND CHART DATUM

PLACE	Heights in metres above Chart Datum				Chart Datum and remarks
	M.H.W.S.	M.L.W.N.	M.L.M.N.	M.L.W.S.	
HUMBER BRIDGE	7.2	5.4	1.9	0.3	3.3m below O.D. Newlyn Being approx. LAT
FERRIBY SLUICE	6.7	4.6	1.5	0.0	2.7m " " "
BROUGH	6.7	4.6	1.2	0.0	2.5m " " "
W. WALKER DYKE	6.4	4.2	1.5	0.0	2.2m " " "
BLACKTOFT	5.7	4.0	0.4	-0.2	1.2m " " "
BURTON STATHER	5.2	3.5	0.3	0.0	1.1m " " "

Projection :- Transverse Mercator. National Grid references are given along borders of chart.

Light stars without legends represent Day Beacons placed vertically and are used as red to port and green to starboard when proceeding upriver.
Under every star are letters in the progression of this chart, which is intended to provide details of the day beacons placed at the time of the survey. The letters are placed in the order of the day beacons as they appear in the chart. The letters are placed in the order of the day beacons as they appear in the chart. The letters are placed in the order of the day beacons as they appear in the chart.

HUMBER ESTUARY SERVICES WEBSITE: www.humber-ops.com

NOTES

- BUOYAGE** Corrected to 29th May 2017
- SHIPS CHANNEL**
 - No 27 Buoy to Coppers West Point 19th May 2017
 - Coppers West Point to No 24 Buoy 20th May 2017
 - No 24 Buoy to Apsent Light 21st May 2017
- RIVER TRENT** Apsent Light to Burton Stather 18th May 2017
- RIVER OUSE** Apsent Light to Blacktoft Acty 2nd February 2017
- REMAINDER** Annual Survey 2016

SATELLITE - DERIVED POSITIONS

Positions obtained from satellite navigation systems, such as the Global Positioning System (GPS), are normally referred to the WGS 84 datum. These positions should be plotted directly on this chart.
NATIONAL HORIZONTAL DATUM
Positions used from this chart must be adjusted by 0.02 metres SOUTHWARD and 0.10 metres EASTWARD before plotting on datums referred to in the Hydrographic Society of Great Britain 1956 (OSG 56 Datum).
Example:
Position on chart 53° 42' 58.000" N 0° 50' 54.000" W
Adjusted position 53° 42' 58.020" N 0° 50' 54.100" W

WGS 84 POSITIONS can be plotted directly on this chart



USE OF CHANNELS

LISTENING	15
INTERSHIP	10
SOLE ROCK	14, 16, 8
HOWEVER	9
SELY	9

TRENT WF CHANNELS

FLORBOUGH	17
SHIRE	17
REARDY	17
GUNNESS	17
BRITISH INTERESTS	74
CANAL SYSTEM	17
DANFORTH	17
LISTENING	15
INTERSHIP	10

Corrected to 31st May 2017
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