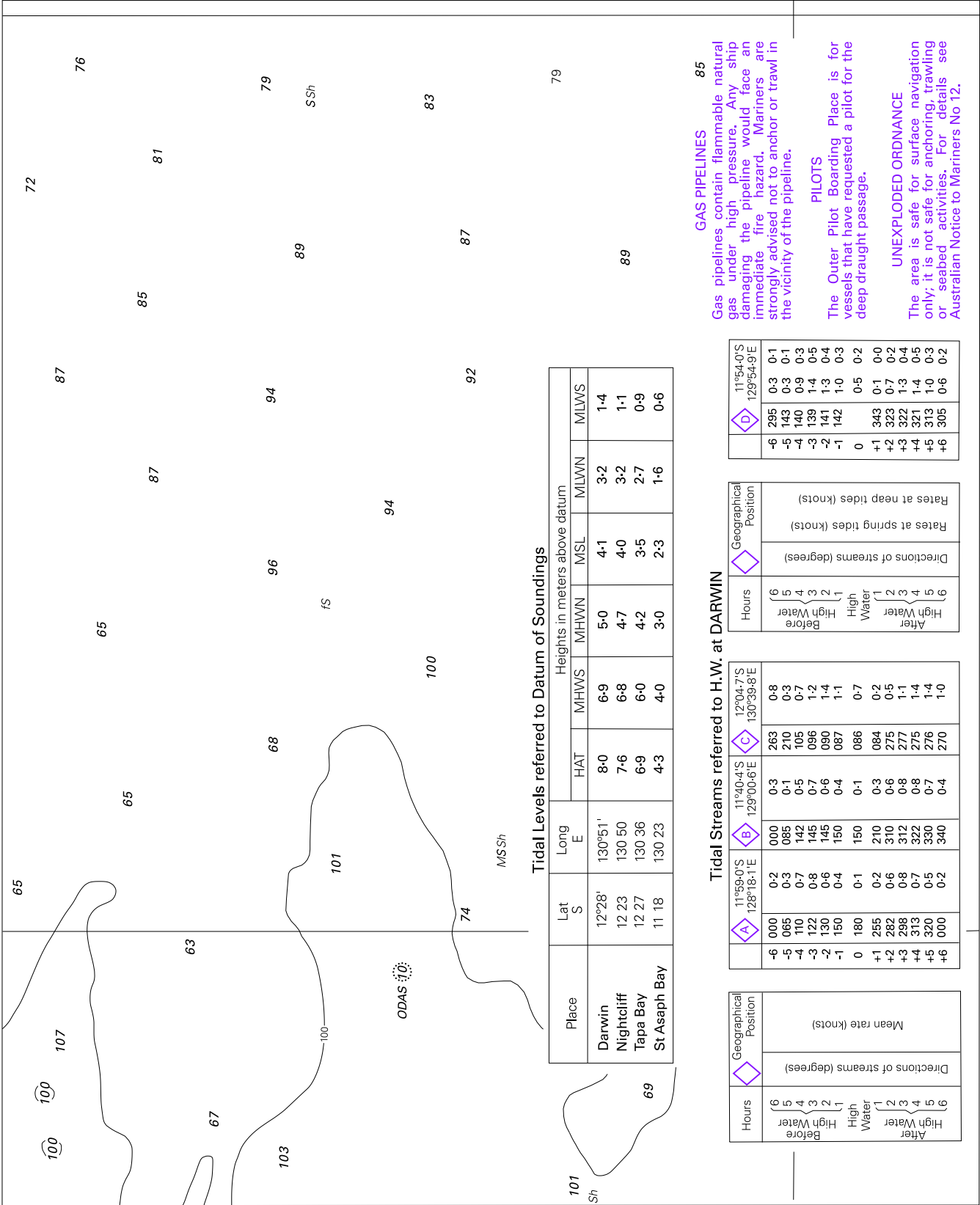




Tidal Levels referred to Datum of Soundings

| Place        | Lat<br>S | Long<br>E | Heights in meters above datum |      |      |     |      |      |
|--------------|----------|-----------|-------------------------------|------|------|-----|------|------|
|              |          |           | HAT                           | MHWS | MHWN | MSL | MLWN | MLWS |
| Darwin       | 12°28'   | 130°51'   | 8.0                           | 6.9  | 5.0  | 4.1 | 3.2  | 1.4  |
| Nightcliff   | 12 23    | 130 50    | 7.6                           | 6.8  | 4.7  | 4.0 | 3.2  | 1.1  |
| Tapa Bay     | 12 27    | 130 36    | 6.9                           | 6.0  | 4.2  | 3.5 | 2.7  | 0.9  |
| St Asaph Bay | 11 18    | 130 23    | 4.3                           | 4.0  | 3.0  | 2.3 | 1.6  | 0.6  |

Tidal Streams referred to H.W. at DARWIN

| Hours      | Geographical<br>Position        | 11°59.0'S<br>128°18.1'E |     | 11°40.4'S<br>129°00.6'E |      | 12°04.7'S<br>130°39.8'E |      |
|------------|---------------------------------|-------------------------|-----|-------------------------|------|-------------------------|------|
|            |                                 | A                       | B   | C                       | D    | E                       | F    |
| 6          | Mean rate (knots)               | -6                      | 000 | 0.2                     | 0.3  | 263                     | 0.8  |
| 5          |                                 | -5                      | 065 | 0.3                     | 0.85 | 210                     | 0.3  |
| 4          |                                 | -4                      | 110 | 0.7                     | 142  | 0.5                     | 0.7  |
| 3          |                                 | -3                      | 122 | 0.8                     | 145  | 0.7                     | 0.96 |
| 2          |                                 | -2                      | 130 | 0.6                     | 145  | 0.6                     | 0.90 |
| 1          | Directions of streams (degrees) | -1                      | 150 | 0.4                     | 150  | 0.4                     | 0.87 |
| High Water |                                 | 0                       | 180 | 0.1                     | 150  | 0.1                     | 0.86 |
| Water      |                                 | +1                      | 255 | 0.2                     | 210  | 0.3                     | 0.84 |
| After      |                                 | +2                      | 282 | 0.6                     | 310  | 0.6                     | 0.75 |
| 9          |                                 | +3                      | 298 | 0.8                     | 312  | 0.8                     | 0.77 |
| 5          | Rates at spring tides (knots)   | +4                      | 313 | 0.7                     | 322  | 0.8                     | 0.75 |
| 4          |                                 | +5                      | 320 | 0.5                     | 330  | 0.7                     | 0.76 |
| 3          |                                 | +6                      | 000 | 0.2                     | 340  | 0.4                     | 0.70 |
| 2          |                                 |                         |     |                         |      |                         |      |
| 1          |                                 |                         |     |                         |      |                         |      |
| High Water | Rates at neap tides (knots)     |                         |     |                         |      |                         |      |
| Water      |                                 |                         |     |                         |      |                         |      |
| After      |                                 |                         |     |                         |      |                         |      |
| 9          |                                 |                         |     |                         |      |                         |      |
| 5          |                                 |                         |     |                         |      |                         |      |

GAS PIPELINES

Gas pipelines contain flammable natural gas under high pressure. Any ship damaging the pipeline would face an immediate fire hazard. Mariners are strongly advised not to anchor or trawl in the vicinity of the pipeline.

PILOTS

The Outer Pilot Boarding Place is for vessels that have requested a pilot for the deep draught passage.

UNEXPLODED ORDNANCE

The area is safe for surface navigation only; it is not safe for anchoring, trawling or seabed activities. For details see Australian Notice to Mariners No 12.