Sánchez-Beaskoetxea, J., & Coca García, C. (2015). *Media image of seafarers in the Spanish printed press.* **Maritime Policy & Management**, 42(2), 97–110. This is an Accepted Manuscript of an article published by Taylor & Francis in Maritime Policy & Management on 12 Jan 2015, available at: <a href="https://doi.org/10.1080/03088839.2014.925593">https://doi.org/10.1080/03088839.2014.925593</a>

# Media Image of Seafarers in the Spanish Printed Press

This paper presents an analysis of the image of seafarers in Spanish newspapers. This is done by a qualitative and quantitative analysis of the news published in six representative newspapers in the days following the shipwrecks of twenty-four oil tankers between 1976 and 2007. A total of 359 news items have been studied analysing the type of language used, its place in the pages of the newspapers, the comments of the journalists who wrote them, etc., arriving at the conclusion that seafarers have a bad image in the Spanish printed press.

## **KEY WORDS**

1. Image. 2. Seafarer. 3. Spanish newspapers.

1. INTRODUCTION. The profession of merchant sailor has, in recent years, gone from being one of the most highly valued by the population of countries with a maritime culture to being ignored by public opinion. Nowadays most people do not think about people who work at sea, and rarely is the profession seen in the mass media unless there has been an unfortunate accident with spectacular consequences, as it shall be shown in the paper.

In recent years there has been a recurring theme among the professionals of our sector, and this theme is none other than the perception of the criminalization of the profession, its bad public image and the consequent lack of merchant sailors prepared to complete the crews of the ships that transport all the products that our society needs all over the world.

This is not just a perception, is a fact studied by professionals of Maritime law, who demonstrate that the current laws regarding maritime pollution in fact criminalize the Captains in the event of disaster with pollutant spillages. This is a result of the fact that, whether they are guilty or not of having caused the accident that results in the spillage, penal responsibility in disasters of an accidental nature is imputed (Del Corte, 2012).

This is a very important problem that some people offer as one of the reasons for the decrease in the number of merchant sailors (Aboli, 2007). Certainly, one of the reasons for this decrease in the number of people willing to work at sea is the fact that nowadays there are many fewer young people of university age than years ago<sup>1</sup>. In addition, nowadays a career at sea is not so profitable (in terms of wages) as other similar professions on land, at least in Western Europe (Sulpice, 2011).

But we must not ignore the fact that the increasingly visible criminalization of crews (Del Corte, 2012), whenever there is a maritime disaster with damage to the environment, can act as a great deterrent for anybody who has the idea of starting a degree in the Science of Navigation. The image of a Captain of a recently sunk

<sup>&</sup>lt;sup>1</sup> Acording to the Statistics National Institute of Spain (INE) the Spanish population between 15 and 25 years old decreased from 16.5% to 10.6% from 1995 to 2010.

oil tanker going to the police station handcuffed and surrounded by a couple of policemen, as in the case of "Prestige", for example in "La Vanguardia" (Anon., 2002), is not the most attractive scene if we want to encourage young people to sign up at our Schools of Nautical Studies.

Maritime organizations are aware of this, as shown by the fact that a few years ago the International Maritime Organization (IMO) started a campaign to attract young people to nautical studies (Go to Sea!), in which an improvement of the image of shipping in general was called for (IMO, 2008); or the fact that in the Final Act of the Conference of Parties to the International Convention on Standards of Training, Certification and Watchkeeping for Seafarers, held in Manila in June, 2010, it is said expressly that (IMO, 2012):

"It is recommended that Administrations, shipping companies, shipowners, ship managers, seafaring organizations and any other entities concerned do their utmost to promote a career at sea among young people and to retain existing seafarers within the industry by:

- .1 engendering a more favourable public perception, in particular among young people, of the maritime industry;
- .2 promoting a greater awareness and knowledge among young people of the opportunities offered by a career at sea;"

The European Transport Workers' Federation mentioned in an article published in his website in June 2010 (ETF, 2010) the bad image associated with maritime professions associated to the retention of sea workers.

In the Annual Review 2012 of the Seafarers' Rights, the international centre for advancing the legal protection of seafarers, we can read this comment about the image of the profession: "Global shipping has an image problem. It is not seen as an obvious career choice for today's talented younger generation. Too frequently it has a bad image; perhaps worse, it has no image".

Also in Spain, the Association of Spanish Shipowners (ANAVE) has expressed publicly that "the mass media and the administration have helped to spoil the public image of the profession" (Aboli, 2007), and that one of the reasons for this is the "unattractive image of the merchant navy in the mass media" (Carlier, 2007).

The subject of the image, directly related to the seafarer shortage problem, was also mentioned in another paper in Maritime Police & Management about the situation in Singapore (Thai et al., 2013).

For some people, and maybe they are right, the social status of the sailor has plummeted in recent times, whereas that of other technical professions (pilots, architects, engineers, etc.) has not suffered this deterioration of their public image. An example can be found in this last paragraph of an article published in the US Coast Guard website in 2008 (Sinclair, 2008):

"Public perception will tremendously effect future recruitment and retention. The better the public perception of the merchant mariner, the

easier the recruitment will be, and the better the candidates will be. We will know that public's perception of the merchant mariner has changed when John Q. Public begins to think that the terms 'flight crew' and 'ship crew' express the same level of professionalism, education, skill, and training."

After a serious sea accident, the mass media publish some news and opinions which are clearly groundless and far-removed from reality, but that become part of the public perception of sailors. This is often due to the ignorance of journalists and the general public about something that one scarcely sees, as is the work of the professionals of the sea. In addition, except in the cases of shipwrecks or disasters, news of sailors scarcely appears in the mass media, as anyone can verify by observing what topics are news during a given period of time (table 1).

As an example of the topics that usually appear in the Economy section in Spanish newspapers, the news published in this section of the El Correo and El Mundo newspapers during the first two weeks of 2010 was analysed obtaining the results shown in table 1.

#### Insert table 1 about here

Given all this facts, the aim of this work is to present an analysis of the public image of merchant sailors in the Spanish printed press from 1976 to 2007, studying the news related with maritime disasters.

2. LITERATURE REVIEW. As it has been shown in the Introduction, the subject of the poor image of the profession is often mentioned as one of the reason of the luck of seafarers. But, however, we have not found until this moment any analytical study that demonstrates if this is true or not. This is the state of the art. There is not any literature about the image of the seafarers in the press.

Furthermore, we have not found any similar study about the image in the press of other professions, not even in foreign press.

So, our research opens a new field that could be very useful for the sea professionals and for the shipowners in order to improve the image of the profession.

3. METHOD. We have based our research in a cualitative and a cuantitative analysis of the news published in Spanish printed media about shipwrecks.

As Krippendorff defined, content analysis is "the use of replicable and valid method for making specific inferences from text to other states or properties of its source" (Krippendorff, 1969).

Using the content analysis, in our research we have analysed all the texts with objectivity, sistematically and with a capacity of generalization of the conclusions. This content analysis allows to formulate from data within texts from press,

reproducible and valid inferences that can be applied to context of the image of seafarers.

Of course, all the context of each analysed pieces of news has been considered into the theorical framework, including the knowledge of the journalist and readers about the subject of each text and the political and social context.

In order to analyse the image of sailor, twenty-four oil tankers disasters were selected for this study. These are presented in table 2.

## Insert table 2 about here

These shipwrecks were selected as the most important in terms of tons of spillage and repercussion in the press. This made it easier to analyse the type of information that was given in every case with regard to the crew.

As it will be explained later, the scarcity of news published in the general press on topics related to the profession of merchant sailor forced us to choose news related to shipwrecks in order to have a sufficient number of news items to be able to do a quantitative analysis.

Moreover, we saw that the only facts that appeared in newspapers in sufficient quantity to make this analysis were the wrecks of oil tankers, especially when they had occurred near Spain or they had caused a considerable oil spillage.

To study what was written about these shipwrecks in the Spanish press, the main general newspapers were selected, two of which are national ("El Mundo" and "El País") and the rest of which are regional, but based in important maritime cities, such as Bilbao, La Coruña and Barcelona, respectively ("El Correo", "Deia", "La Voz de Galicia" and "La Vanguardia"). The total number of related news items in these newspapers is 359.

These media were chosen as they are among the most widely read in Spain. Between the four national daily newspapers in Spain, "El País" and "El Mundo" are the two most widely read according to the Spanish Media General Study, with 78% of the daily newspapers readership of national circulation in Spain (AIMC, 2013).

Between the regional newspapers analysed, "El Correo", "La Voz de Galicia" and "La Vanguardia" are among the seven most widely read newspapers in Spain, and "Deia" is, after "El Correo", the second most read in Bilbao, one of the most important ports in Spain (AIMC, 2013).

Putting together the readers of the selected newspapers, we get more than 52% of the total readership of newspapers throughout Spain (AIMC, 2013). In this sense, the conclusions of our study can be extrapolated to the total of the generalist Spanish press.

We studied the news from the day following the accident until the day in which the newspapers stopped publishing regular news that deals with the topic of the reasons for the shipwreck and the attitude of the crew or of the shipowners. In the following days the newspapers analysed only continued giving information about the environmental consequences of the shipwrecks and their political or economic repercussions.

We tried to corroborate whether the hypothesis of the bad image of the sailors in the Spanish newspapers has a certain basis by analysing the chosen news items.

To this end, an index card for each news item was created, in which the following was studied:

- its authorship,
- the type of journalistic genre used,
- whether it was accompanied by graphics or photos,
- its length,
- its location on the page,
- whether it was linked or not to other news,
- the type of language used,
- the headline,
- if it had subheadings,
- the topic dealt with,
- the protagonists,
- the type of verbs and adjectives used,
- the abundance or otherwise of value judgments in the texts, and
- if the image of the merchant sailors in each text was positive, negative or neutral.

Once the index cards were created, a qualitative and quantitative analysis of the news was carried out in order to extract some conclusions about the valuation that was made of merchant sailors in each news item.

It is quite logical that the image of sailors is a bad one if we are only paying attention to news stories of shipwrecks of oil tankers. However, given the low number of general news items published about the world of the Merchant Navy (Table 1) the only way of seeing how events connected with sailors are explained is to analyse how they are described in news stories related to shipwrecks, which is the only thing which is reported in sufficient quantities to enable us to carry out an analysis.

Furthermore, despite the news being negative itself, the journalist does have the option of writing about those involved in a positive, negative or neutral way. For instance, it is not the same to say that the actions of the Captain prevented an even worse situation, as to say that the Captain was unable to avoid the tragedy.

4. RESULTS. After the analysis of the 359 index cards using the methodology already explained, we obtained the data analysed in the next paragraphs.

Regarding the authorship of the news, the majority of the news items analysed were written by newspaper journalists and special correspondents (52.6%), followed by items written by agencies (30.4%) as seen in table 3.

#### Insert table 3 about here

It is necessary to state that neither the newspaper journalist nor the agencies always give very rigorous information in technical aspects and this is obvious from the numerous erroneous comments and incorrect information that appear in the news. For example, "a length of 1 000 feet" is translated as "a length of 1 000 metres" (Anon. 1979) or "a 9-knot wind" becomes "a force 9 wind" (Mercado, 2003). This is undoubtedly due to the fact that the media have few journalists specialized in nautical topics.

This suggests that the perception that the information published is too often what journalists receive, without them doing anything other than publishing it, without questioning what comes from the sources (often partial) or without trying to confirm the information or to give different points of view.

As regards the type of journalistic genre that was published (table 4), most of the news published in the newspapers analysed in the first few days after the accident was "pure news" (55.1%). Brief news also abounded (21.5%), especially in texts published as a complement to the principal news of the day.

There was also a relative abundance of articles of opinion (13.9%), since the newspapers tried to give different points of view on the accident. However, most of the articles of opinion were not written by experts in maritime topics, and, therefore, their opinion did not contribute new points of view with regard to what had been published in the previous days.

#### Insert table 4 about here

On the graphical accompaniment that was given to the news, little more than half of the news items (195 out of 359, 54.3%) was accompanied by photographs or graphics, which could be considered a high percentage since the majority of the news in the newspapers is not accompanied by a photo. This is an indication of the fact that this type of news of shipwrecks is given quite a lot of informative relevance in the media, as is logical, especially when it happens in Spanish territory. It is also necessary to note that photographs of shipwrecks are spectacular and very interesting for the newspaper readers.

Except for the first few days after the accident, most of the news was published only in the interior pages of the newspaper (318 out of 359, 88.5%). Only on the first few days after the accident, most of the news came on the front page of the newspaper, as is understandable due to its importance.

If we look at what page the news appeared on, we see that there was no great difference between the situation of the news inside the newspaper as regards if it

appeared on an odd or even numbered page. Fractionally more news appeared on even numbered pages (182 out of 359, 50.6%), which, in theory, are less important and less read in a newspaper.

The vast majority of the news analysed (288 out of 359, 80.3%) occupied less than one page. Only during the first few days of the news did information appear that took up more than one page, but it was not common. This can be explained by the fact that a large part of the news was in a brief format.

We also see that a large part of the news published and analysed was linked to other principal news of the day (212 out of 359, 59.1%). The majority was information in a brief format that gave more details of people's statements about the facts and figures (authorities, casualties, technicians etc.). This also indicates that the media gave importance to this information.

On the extension of the news in terms of columns, we can say that most of the news analysed was published in three columns (83 out of 359, 23%), followed by items of 5 columns (77 out of 359, 21.5%) or one and four columns (58 out of 359, 16.2%). There was a lot of information in a brief format or of declarations printed in one column. Nevertheless, with the exception of these brief items, most reports were published in more columns. There was even an important number of them that were published over more than five columns (28 out of 359, 7.7%) occupying more than one page. Again, it is a sign of relevance of this news among the information of each day.

With regard to the presence of subheadings, more than half of the news analysed was published without a subheading (182 out of 359, 50.7%). This, in many cases, was due to the layout or typeface of the news published. Among the most important news analysed and published, the majority had one, or more, subheading, in order to extend the information given in the headline. This gives an idea of the importance that the newspaper wants to give to this information in each case.

As far the contents, when we studied the principal topics dealt with in the news analysed seven principal topics repeated themselves. We see, as is logical, (figure 1) that the sinking of the ships and the possible reasons was analysed most ahead of the second topic, which was that of the Captain's responsibility. Then, further back, came the topic of the rescue of the ship (in 4th place) and judicial questions (in 5th place). An important topic like pollution came in 3rd place, but it is necessary to remember that this work is limited to the analysis of the news in which the disaster was the main topic. Newspapers continued dealing with the topic of pollution and its consequences for a long time.

## Insert figure 1 about here

It's worth noting that a topic which in this type of accidents should be a priority, future actions to prevent these disasters, is the topic which was dealt with least frequency in the news analysed (7th place), and when it did appear it was principally in opinion articles. This indicates that for the media the events of this

type are very interesting for the readers, but that they are not very involved in using them as an educational tool for the public.

Looking at the protagonists who received most attention in the news, we see (figure 2) that the authorities and the Captain were the principal "actors" mentioned in comparison with other protagonists. They were followed by the ship. We can see that much of the news was focused on the Captain, but almost always to emphasize something negative about his action during the accident.

## Insert figure 2 about here

An important part of the 359 pieces of news analysed (figure 3) contained the journalist's value judgements, which were not always correctly documented. We can understand that the writer does not possess sufficient knowledge of the world of the profession of merchant sailor to value the information impartially, which sometimes leads him to make these unfounded value judgements. This causes him to unintentionally give an erroneous image of Captains and shipping in general. It is not a good professional practice for a journalist in a news story to make so many value judgements. He should be more neutral (BBC, 2012).

## Insert figure 3 about here

Though it is rather subjective to determine what image of a topic is offered in the news, from our point of view, and from our study of the news analysed for comments, vocabulary used, photographs etc., we obtained the result that 140 out of 359 (39%) of news gave a negative image of the profession or of the shipping sector, as opposed to 90 out of 359 (25.1%) that gave a positive image and 129 out of 359 (35.9%) a neutral image (figure 4).

The percentage of news giving a negative image seems to be very high, since more neutrality in the treatment of the information would be expected. It is true that in an accident of the type which this work analyses (oil tanker disasters with serious damage to the environment and with spectacular images) it is difficult to emphasize positive things. However, it is not the same thing to say, for example, that despite the good knowledge of the Captain of the port the ship crashed into an unknown reef, as to say, as in "La Voz de Galicia", that "The crude-tanker should have waited until the tide had risen" (Anon., 1976), when in this case ("Urquiola") the tide had nothing to do with the accident.

Although the event is a negative one, the image given of the Captain can be neutral or positive by, for example, emphasizing the Captain's efforts to avoid further damage.

Insert figure 4 about here

With regard to the type of language used in the news, after analysing the frequency with which words appeared, it is clear that two nouns in particular occurred regularly: "captain" and "oil tanker". "Captain" is the word most often repeated in headlines (including subheadings) on 91 occurrences. We would expect many mentions of the damaged ship to appear in headlines, as is the case ("oil tanker" 87 times, "vessel" 45 times and "ship" 39 times), but the Captain of the ship should not be mentioned so much, unless he, owing to his action or lack of it, was directly responsible for the accident.

It is also surprising that words such as "shipwreck" (17 times), "fire" (15 times), "explosion" (9 times), etc., did not appear with more frequency.

It might be deduced by reading the headlines that the Captain was the centre of the news, thus increasing a negative image of the profession by directly associating this figure with that of shipwrecks.

As for the prevailing nouns and adjectives in the texts of the news, it is clear that negative words were most common: "disaster" (27 times), "old" (13 times), "consequences" (10 times), "ecological" (40 times), "catastrophe" (16 times), "crime" (6 times), "seriously" (14 times), etc. Nouns or adjectives with a positive meaning, such as "professional" (10 times), "hero" (4 times), "veteran" (6 times), etc., were used less. The image that these adjectives and nouns give is quite negative for the professional crew of merchant ships.

Carrying out a quantitative analysis of the number of positive verbs and the number of negative ones, it is clear that the latter were employed much more frequently. "To avoid" (21 times), "to save" (15 times) and "to rescue" (7 times) were the most frequent positive verbs. But there were many more negative verbs. 339 negative verbs were used in comparison with 129 positive ones in the news analysed. Among the negative verbs we can highlight: "to threaten" (20 times), "to spill" (12 times), "to accuse" (10 times), "to denounce" (8 times), and other similar verbs.

5. DISCUSSION. If we carry out a qualitative study of the contents of the news, especially those which, from our point of view, offered a negative image of the Merchant Navy, we see that the journalists who wrote the news added value judgements to the texts. These value judgements in many cases did not correspond to reality and they misinformed, rather that reported, on the reasons for the disasters, and were based on the information that the authorities issued as the events happened. The journalists, undoubtedly as a result of not having any more information, limited themselves to publishing in most cases the notes that they were given. This may be logical, but an attempt to corroborate this information and to give other points of view, for example speaking with Captains of oil tankers trying to give an explanation for the actions of the Captains involved, was missing.

In the majority of opinion articles and editorials published, only the official versions were ratified and the articles were not impartial at all when it came to analysing the facts. This is worrying, especially bearing in mind that at the moment of writing these articles the facts and the reasons for the accidents had not even begun to be investigated officially. It is necessary to remember that in the

majority of maritime disasters the reasons for accidents are not easy to determine, and the investigation normally determines that a series of events (and not just one) lead to the disaster.

Equally, it must be emphasized that the majority of information referring to the owners of the oil tankers involved was quite critical of their activities and generalized the bad practice of some shipowners, extending it to the whole sector. For example, by writing that "*The sea is dominated by the pirates*" (Galíndez, 1992).

Here are some examples of value judgements and opinions of journalists:

- "It is rather curious that such a large ship carrying such a large load was captained from one side of the planet to the other by an elderly man with a delicate heart, who, furthermore, did not have sufficient knowledge of English to manage adequately" (Ordaz, 2002) on the Captain of the "Prestige", whom in the same news item the journalist labels as "unsociable" and of "bad character";
- On the reasons for the sinking of ships a Naval Engineer in "El País" points to "the low qualification and training of the sailors" (Casal, 2002);
- "The veteran 67-year-old sailor, who had undergone heart surgery, attended a six-day workshop in July in order to obtain a temporary permit" (Méndez, 2002), in "El Correo" on the Captain of the "Prestige";
- "The ship was sailing very close to the coast" (Anon., 2002), in "El Mundo":
- "...the declarations of the captain to 'La Voz de Galicia' do not clarify, however, where this container came from, nor how it could have ended up in the hull of the ship causing such destruction that, in the end, it led to the ship sinking" (Anon., 2002), in "El País" about the declaration of the Captain of a ship which was struck by a container;

After the study and analysis of the news selected, several ideas can be obtained in relation to the work hypothesis that the image of the Merchant Navy in the press is not good.

It can be seen that, in spite of the presence of subjects related to the maritime sector in the pages of newspapers being scarce, when it is a question of informing about important accidents the frequency of the appearance of news increasees, especially in the days following the events, with much of the news linked to the principal news item.

It is also significant the fact that this news has a notable presence on the front page and on important inside pages, and a very high percentage is accompanied by a photograph or graphics.

In relation to the most frequently used topics, the reasons for the accident and the Captain's responsibility are the principal topics. This might contribute to make the image of the sailors worse.

The captain is one of the people mentioned most often, but almost always from a negative point of view, ignoring the fact that he might not have been responsible for the accident and that thanks to him the damage was less serious.

This leads to the conclusion that the press do not normally take any notice of the maritime sector except when catastrophes happen, which does not exactly help people to have a normal impression of the Merchant Navy and of its importance in our life, since the only information that appears it is of sinkings, fires, pollution, etc.

Even though, in the days following the initial accident, the media tries to complement the information that they have been offering with opinion articles, these are written by people who are not experts in the subjects they write about. Furthermore, these articles are very subjective, do not extend beyond points of view of what has happened and do not contribute valid, new or relevant information, being limited to accepting information published on previous days without questioning it.

This can cause the reader to feel that the newspaper informs him widely about the events, with articles written by different experts. But, in fact, the newspaper does no more than repeatedly give the same information, which in many cases is issued by the authorities (an interested party). It does not give any more points of view or a more objective analysis of the facts, as could be, for example, the opinions of real technical personnel on oil tankers, which could give readers clues to the reasons for certain actions taken by the captain and the crew.

It can be observed, equally, that the news that is published is given quite a lot of importance in the newspapers, which means that the readers accept the importance of the fact and receive a lot of information. However, this does not mean that the information is necessarily good and objective, as has been mentioned before.

Also worth noting, when analysing the language used in the media, is the high incidence of negative verbs and adjectives referring to shipowners and crews, much more so than those of a positive nature. This, together with numerous poorly researched value judgements written by journalists is what leads to the confirmation of the initial hypothesis of a bad image that follows the Merchant Navy. It is clear that the reader does not receive impartial and neutral information, but is led (unintentionally, certainly) to thinking negatively about them. To this it is necessary to add the high percentage of published news that gives a negative image in relation to that which offers a neutral or positive stance, as can be seen from the examples included in the analysis.

- 6. CONCLUSIONS. The analysis of the contents leads to the following conclusions:
  - Little news on the Merchant Navy is published in Spanish newspapers, and when newspapers do it, most of it is bad news.
  - Bad news is often published in the most important pages.
  - The subjects given most emphasis are the most negative.

- The Captain and ship are the main protagonists in the news, but normaly in a negative sense.
- Journalist and others writing about these events are not experts on maritime questions.
- Journalists often express their own opinion, and often this opinion is not very well researched.
- Negative words are the most used.
- The image given of the profession of merchant sailor is negative.

This seems to point out that journalists, in most cases, do not have the necessary training to evaluate the information that they receive from different sources objectively, and lack of time then obliges them to publish this information without checking it with other sources. What is worse, they often add their own value judgements, which are usually erroneous. In addition, they overuse negative adjectives or clichés with regard to the maritime sector.

For all these reasons, the main conclusion reached after the analysis of the index cards is that, as was suggested in the work hypothesis, it seems that in the newspapers studied the image given of the Merchant Navy in general, and of professionals of the sea, especially, is negative, and this is what is transmitted to the general public, which is informed of these events by the mass media. To sum up, the information that the public receives is incomplete and this is compounded by how little the general public really knows about these technical subjects. The public, therefore, is given a slanted, negative image which, in many cases, does not correspond to the reality of the professional world of the Merchant Navy.

#### **REFERENCES:**

Aboli, J.L. (2007), Escasez de marinos mercantes en el mercado laboral. Razones y consecuencias, *Paper presented at the Symposium about the Future of the Maritime Professions*, Madrid, Spain.

Anon., (1976). El petrolero debió haber esperado a que subiese la marea. *La Voz de Galicia*, 13 May. p.10.

Anon. (1979). Mar Caribe: peligro de la mayor 'marea negra' de la historia. *El Correo*, 21 Jul. p.15e.

Anon., (2002). Detenido el capitán del buque. La Vanguardia, 16 Nov. p.27.

Anon., (2002). El capitán asegura que el barco se abrió al chocar con un contenedor. *El País*. 25 Nov. p.19a.

Anon., (2002). El peor de los vertidos. El Mundo. 29 Nov. p.11e.

Asociación para la Investigación de Medios de Comunicación, AIMC, (2013) *Estudio General de Medios*. (On-line) Available at: <a href="http://www.aimc.es/-Datos-EGM-Resumen-General-.html">http://www.aimc.es/-Datos-EGM-Resumen-General-.html</a>. Accesed 28 October 2013.

British Broadcasting Corporation, BBC, (2012), *Editorial Guidelines*. (On-line) Available at: <a href="http://www.bbc.co.uk/editorialguidelines/page/guidelines-impartiality-principles/">http://www.bbc.co.uk/editorialguidelines/page/guidelines-impartiality-principles/</a>. Accesed 3 October 2012.

Carlier, M., (2007) ¿Cómo fomentar más vocaciones marítimas en los jóvenes europeos?, *Paper presented at the Symposium about the Future of the Maritime Professions*, Madrid, Spain.

Casal, M., (2002). ¿Hasta cuándo más catástrofes ecológicas?. El País, 25 Nov. p.22a.

Del Corte, J. (2012). Criminalización de los marinos en los accidentes. *Paper presented at the 1st Congress of Maritime Accidents*, Bilbao, Spain.

ETF (2010). ETF workshop tackles poor working conditions at sea and bad image associated with maritime professions. Available at <a href="http://www.itfglobal.org/etf/etf-news-online.cfm/newsdetail/4649">http://www.itfglobal.org/etf/etf-news-online.cfm/newsdetail/4649</a>. Accessed 30 May 2013.

Galíndez, A., (1992). El mar vuelve a estar dominado por los piratas. *Deia*, 5 Dec. p.3. International Maritime Organization, IMO, (2008). *GO TO SEA! A campaign to attract entrants to the shipping industry*, In association with ILO BIMCO, ICS/ISF, INTERCARGO, INTERTANKO, ITF. (On-line) Available at: <a href="http://www.imo.org/ourwork/humanelement/gotosea/Pages/Default.aspx">http://www.imo.org/ourwork/humanelement/gotosea/Pages/Default.aspx</a>. Accessed 08 May 2012.

International Maritime Organization, IMO, 2012. *International Convention on Standards of Training, Certification and Watchkeeping for Seafarers*. (On-line) Available at: <a href="http://www.imo.org/OurWork/HumanElement/TrainingCertification/Pages/STCW-Convention.aspx">http://www.imo.org/OurWork/HumanElement/TrainingCertification/Pages/STCW-Convention.aspx</a>. Accessed 3 October 2012.

Krippendorff, K. (1969). Models of messages: three prototypes. In G. Gerbner, O.R. Holsti, K. Krippendorff, G.J. Paisly & Ph.J. Stone (Eds.), The analysis of communication content. New York: Wiley.

Méndez, J., (2002). El capitán del 'Prestige' navegaba con una licencia provisional de 3 meses expedida en Bahamas. *El Correo*, 31 Dic. p.12.

Mercado, F., (2003). El cuaderno de bitácora del 'Prestige' omite todos los datos relativos al accidente. *El País*, 7 Jan. p.16a.

Ordaz, P., (2002). El capitán griego y los marineros presos. El País, 26 Nov. p.24e.

Rodrigo de Larrucea, J. (2012). Trato justo a los marinos en la investigación de accidentes marítimos. *Proceedings of the 1st Congress of Maritime Accidents*, Bilbao, Spain.

Seafarers' Rights, Annual Report 2012, On line, Avalilable at <a href="http://www.seafarersrights.org/seafarers-rights-international-annual-review-2012/sri-annualreview-2012/">http://www.seafarersrights.org/seafarers-rights-international-annual-review-2012/sri-annualreview-2012/</a>. Accessed 30 May 2013.

Sinclair, Fr. (2008). What Are Your Options When You Don't Get the Basketball Scholarship? (On-line) United States Coast Guard. Available at: <a href="http://www.uscg.mil/proceedings/fall2008/articles/58">http://www.uscg.mil/proceedings/fall2008/articles/58</a> BASKETBALL.PDF. Accessed 3 October 2012

Sulpice, G. (2011). *Study on EU seafarers employment. Final Report*. Directorate-General for mobility and transport, European Commission. (On-line) Available at: <a href="http://ec.europa.eu/transport/maritime/studies/doc/2011-05-20-seafarers-employment.pdf">http://ec.europa.eu/transport/maritime/studies/doc/2011-05-20-seafarers-employment.pdf</a>. Accessed 10 September 2012.

Vinh V. Thai, Linkesh Balasubramanyam, Karen Kai Lin Yeoh & Sofian Norsofiana (2013): Revisiting the seafarer shortage problem: the case of Singapore, Maritime Policy & Management: The flagship journal of international shipping and port research, 40:1, 80-94.

Table 1: Combined Ranking of topics in the Economy sections in the Spanish newspapers "El Correo" and "El Mundo" in the first 15 days of 2010.

Ranking	Topics	Number of news items
1°	Unemployment	72
2°	Banking	68
3°	Energy	33
4°	Air transport	31
5°	Companies	29
6°	Crisis	23
7°	Local trade	23
8°	European Union	20
9°	Stock exchange	20
10°	Automotion	19
11°	Housing	16
12°	Inflation	10
13°	Savings	9
14°	Tourism	9
15°	Industry	7
16°	Terrestrial transport	7
17°	Taxes	6
18°	Tobacco industry	5
19°	Travel	4
20°	Insurance	4
21°	Telecommunications	4
22°	Salaries	3
23°	Construction	3
24°	Toys	2

25°	Shows	1
26°	Social Security	1
27°	Research and development and innovation	1
28°	Management	1
29°	Sea transport	1

Table 2: Selected shipwrecks analysed between 1976 and 2007. Name of ship Date of shipwreck "Urquiola" 12 May 1976 "Hawaiian Patriot" 23 Feb 1977 "Andros Patria" 31 Dec 1978 "Amoco Cadiz" 16 Mar 1978 "Team Castor" 28 Apr 1979 "Aegean Captain" 19 Jul 1979 "Independenta" 15 Nov 1979 "Irenes Serenade" 23 Feb 1980 "Castillo de Bellver" 5 Aug 1983 "Nova" 6 Dec 1985 "Odyssey" 11 Nov 1988 "Exxon Valdez" 24 Mar 1989 "Khark 5" 19 Dec 1989 "Aragon" 29 Dec 1989 "Haven" 11 Apr 1991 "Agip Abruzzo" 10 Apr 1991 "ABT Summer" 28 May 1991 "Katine P" 19 Apr 1992 "Aegean Sea" 3 Dec 1992 "Braer" 5 Jan 1993 "Sea Empress" 15 Feb 1996 "Erika" 12 Dec 1999 "Prestige" 13 Nov 2002

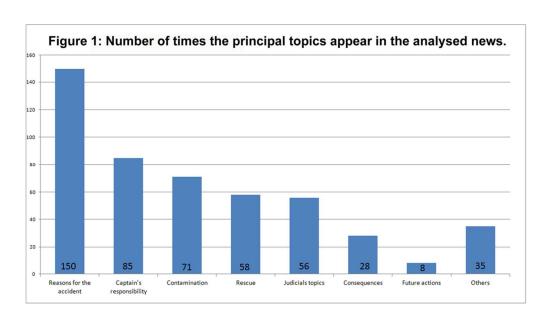
6 Dec 2007

"Hebei Spirit"

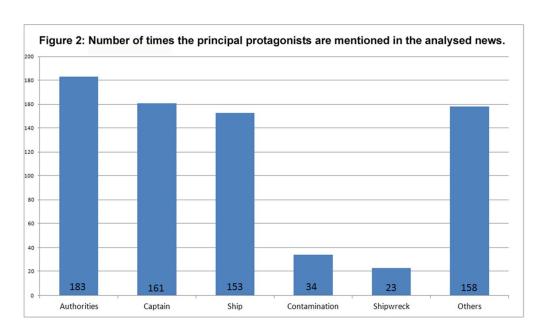
Table 3: Authorship of the analysed texts.

Number of news	Percentage
154	42.9%
35	9.7%
109	30.4%
61	17.0%
	154 35 109

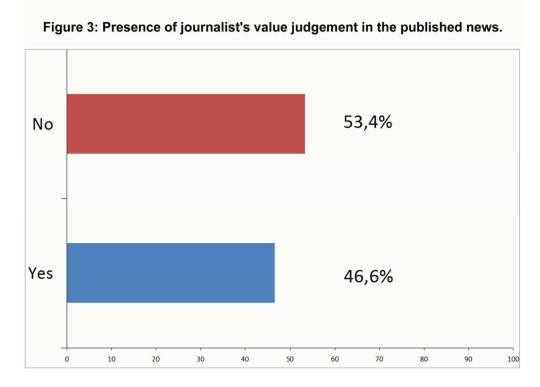
Table 4: Type of news in the texts analysed.				
Type of news	Texts analysed	Percentage		
News	198	55.1%		
Brief news	77	21.5%		
Opinion	50	13.9%		
Interview	16	4.5%		
Feature	14	3.9%		
Photo news	4	1.1%		



Number of times the principal topics appear in the analysed news.  $160 \times 89 \text{mm}$  (180 x 180 DPI)



Number of times the principal protagonists are mentioned in the analysed news.  $160 \times 93 \text{mm}$  (180 x 180 DPI)



Presence of journalist's value judgement in the published news. 160x119mm (180 x 180 DPI)

Figure 4: Image of the merchant sailors in the analysed news.

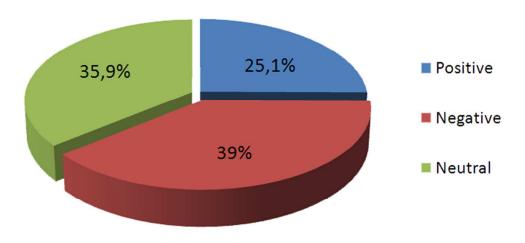


Image of the merchant sailors in the analysed news.  $160 \times 95 \text{mm}$  (180 x 180 DPI)